

# DVR/IPC DIVISION

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>> For 20 years, iStarUSA design stylish and high performance industrial rack-mount chassis. iStarUSA use latest computer aid design technology to rapidly develop prototype for customer. iStarUSA equip custom precision press and cutting machine to produce top quality and stylish rackmount chassis. We also incorporate FCC, CE, thermal, and vibration standard testing from mobile, industrial, medical, to military requirement. iStarUSA provide full service solution brings concept to reality for industrial rackmount chassis.

*iStar, Good Start!*

### **V Storm Series**

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### **D Storm Series**

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- Rack DVR
- Storage Server
- Silent Rack
- Industrial PCs
- Build On Demand

### **D2 Storm Series**

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- Media Rack
- Broadcasting Storage

### **D3 Storm Series**

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### **D4 Storm Series**

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### **E Storm Military Series**

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### **S Storm Series**

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### **T Storage Enclosure Series**

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### **Accessories**

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- Rack
- Fan
- DIY



# V-1.3-M4SA

## 1.3U Storage Server Rackmount Chassis

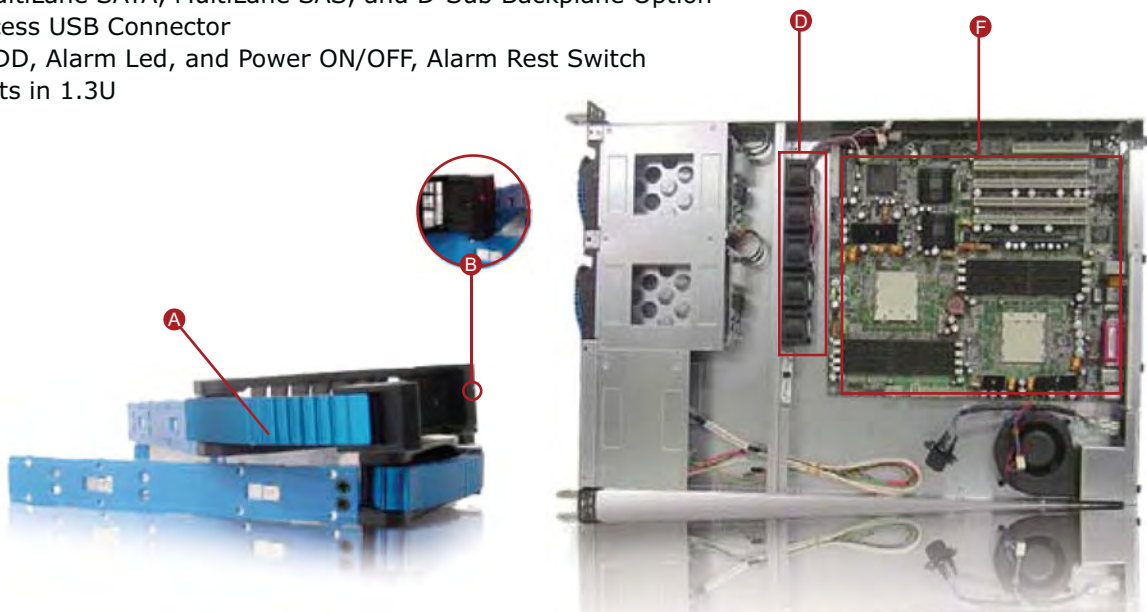


### INTRODUCTION

The V Series storage server rackmount chassis with iStarUSA signature drive tray. Not only the stylish look of its appearance, but the functionality, flexibility, and uncompromised performance makes V Series a new breed of storage server. As Serial technology became a more cost effective solution, iStarUSA has taken a step forward to prepare the migration of new technology trend. iStarUSA also incorporated redundant OS drive to ensure total up time of mission critical server applications.

### FEATURES

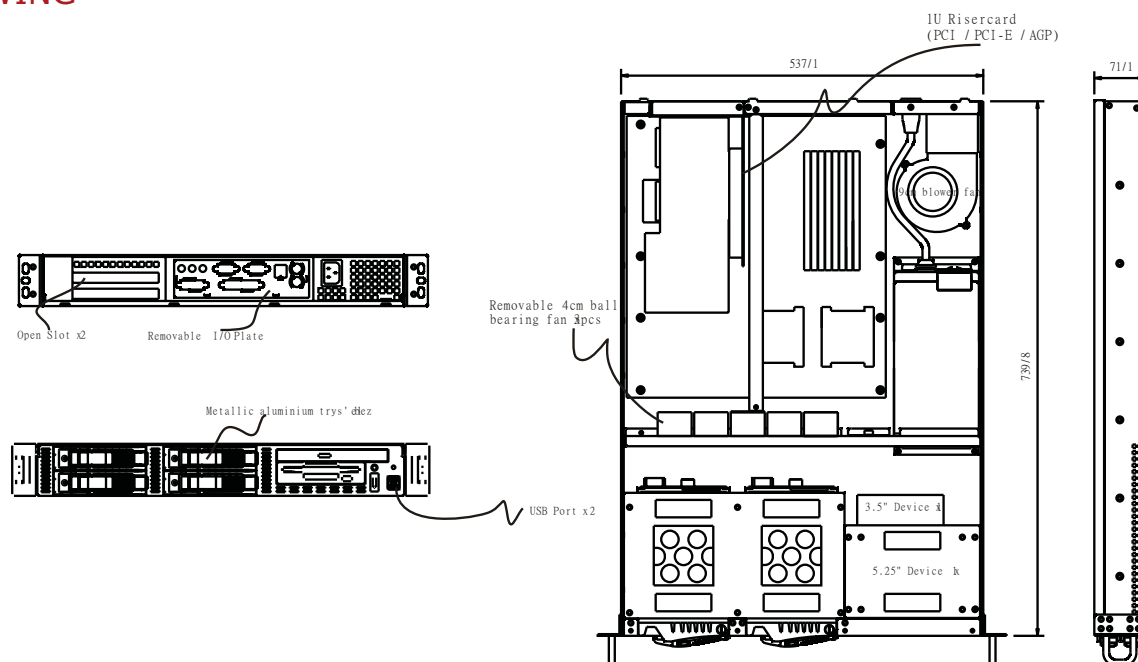
- Ⓐ Industrial Grade Aluminum Drive Tray Handle with iStarUSA Signature Design
- Ⓑ Fiber Optical Drive Tray Status Indicator
- Ⓒ Advance Thermal Cooling Design that Optimize Airflow
- Ⓓ 5 System Cooling Fans and One Rear Blower Fan with Status Monitor
- Ⓔ Support Standard I/O Plate
- Ⓕ Support Up to 2 Dual-Core CPU EATX Motherboard
- Ⓖ Single/MultiLane SATA, MultiLane SAS, and D-Sub Backplane Option
- Ⓗ Front Access USB Connector
- Ⓘ Power, HDD, Alarm Led, and Power ON/OFF, Alarm Rest Switch
- ⓵ 2 PCI Slots in 1.3U





# V-1.3-M4SA

## DRAWING



## SPECIFICATION

<b>Model Number</b>	<b>V-1.3-M4SA</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	Hot-swap Drive: 4 x SATA Slim CD Drive: 1 3.5" Drive: 1
<b>Cooling Fan [Option]</b>	5 x 40mm, 1 x 90 Blower Fan
<b>Industry Standard</b>	EIA-RS310D
<b>Materials</b>	Heavy-Duty Cold Roll Steel
<b>Material of Main Chassis</b>	Zinc-Plated with Bright Chromate

<b>Material of Front Bezel</b>	Texture-Coated
<b>Material of Handle</b>	Aluminum
<b>Backplane</b>	SATA 3G/SAS/SATA Multilane
<b>Expansion Slots</b>	2xPCI Slots [Full height & length]
<b>Switches</b>	Power ON/OFF and System Reset
<b>Indicators</b>	Power + Fan Failure + HDD LED
<b>System Board</b>	Up to 12 x 13 (ATX/SSI EEB 3.6 Compliant Motherboard)
<b>Temperature</b>	0°C (32°F) ~ 50°C (122°F)
<b>Humidity</b>	5% ~ 95% Non-Condensing
<b>Dimensions</b>	19 x 2 x 27 inch

## POWER SUPPLY OPTIONS

Model Number	Output	Downloads	Page
<b>CP-01040</b>	400W	400W 1U Switching Power Supply	N/A
<b>TC-1U/40</b>	400W	400W 1U Switching Power Supply	218

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# V-2-M8SA

## 2U Storage Server Rackmount Chassis

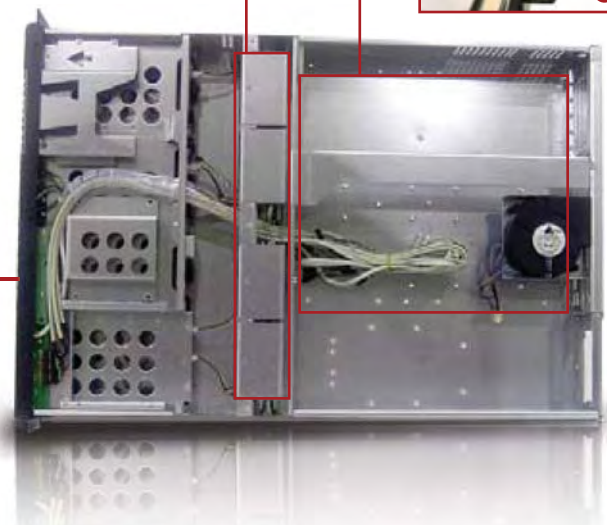
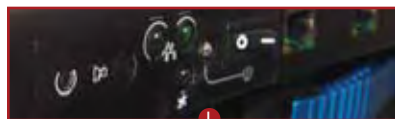


### INTRODUCTION

The V Series storage server rackmount chassis with iStarUSA signature drive tray. Not only the stylish look of its appearance, but the functionality, flexibility, and uncompromised performance makes V Series a new breed of storage server. As Serial technology became a more cost effective solution, iStarUSA has taken a step forward to prepare the migration of new technology trend. iStarUSA also incorporated redundant OS drive to ensure total up time of mission critical server applications.

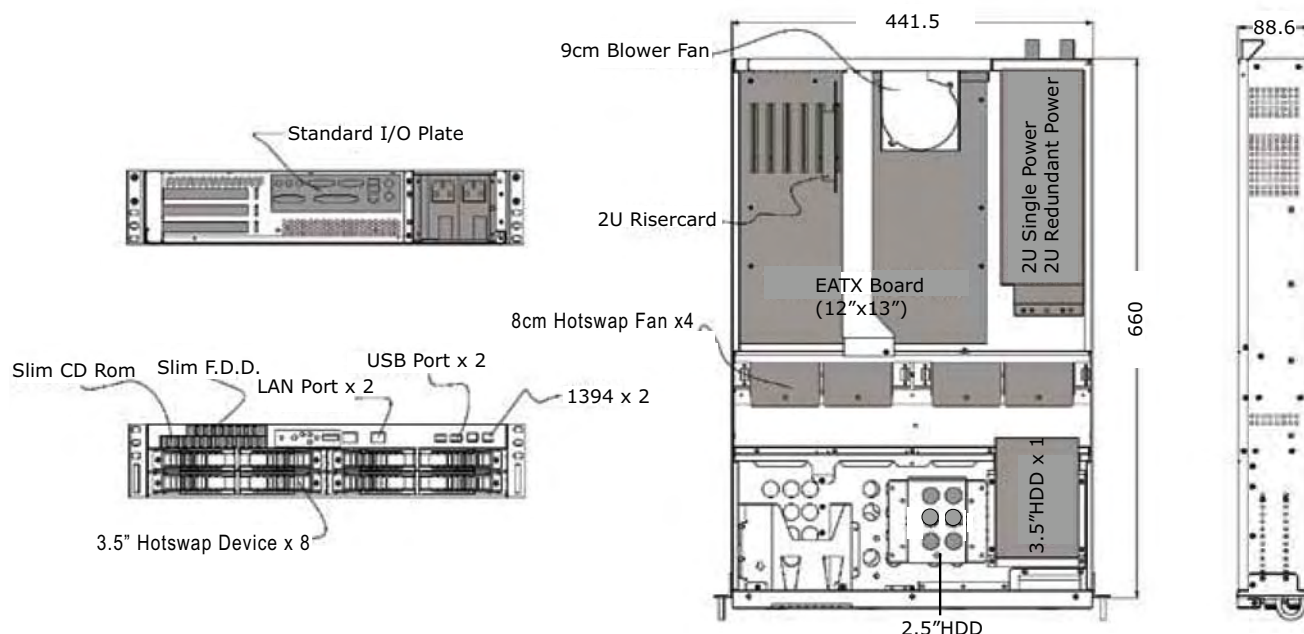
### FEATURES

- Ⓐ Dual Build-In OS Drive for RAID Function
- Ⓑ Fiber Optical Drive Tray Status Indicator
- Ⓒ Advance Thermal Cooling Design that Optimize Airflow
- Ⓓ Industrial Grade Aluminum Drive Tray Handle with iStarUSA Signature Design
- Ⓔ 4 Hot-Swappable System Cooling Fans, 1 x 9cm Blower Fan in Rear with Status Monitor
- Ⓕ Support Up to Quad CPU EATX Motherboard
- Ⓖ Single/MultiLane SATA, MultiLane SAS, and D-Sub Backplane Option
- Ⓗ Front Access USB and 1394 Connectors
- Ⓘ Power, HDD, Alarm Led, and Power ON/OFF, Alarm Rest Switch
- ⓵ Build-in Top Cover Handle with Thumb Screws



# V-2-M8SA

## DRAWING



## SPECIFICATION

<b>Model Number</b>	<b>V-2-M8SA</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	Hot-swap Drive: 8 x SATA Slim CD Drive: 1 2.5" Drive: 1, Slim FDD:1 3.5" Drive [internal]: 1
<b>Cooling Fan</b>	4 x 80mm, 1 x 90mm Blower
<b>Industry Standard</b>	EIA-RS310D
<b>Materials</b>	Heavy-Duty Cold Roll Steel
<b>Material of Main Chassis</b>	Zinc-Plated with Bright Chromate

<b>Material of Front Bezel</b>	Texture-Coated
<b>Material of Handle</b>	Aluminum
<b>Backplane</b>	SATA 3G/SAS/SATA Multilane
<b>Expansion Slots</b>	3 x Full Height PCI Slots or 7 x Low Profile [option]
<b>Switches</b>	Power ON/OFF and System Reset
<b>Indicators</b>	Power + Fan Failure + HDD LED
<b>System Board</b>	Up to 12 x 13 [ATX/SSI EEB 3.6 Compliant Motherboard]
<b>Temperature</b>	0°C (32°F) ~ 50°C (122°F)
<b>Humidity</b>	5% ~ 95% Non-Condensing
<b>Dimensions</b>	19 x 3.5 x 27 inch

## POWER SUPPLY OPTIONS

Model Number	Output	Downloads	Page
<b>TC-2U/40</b>	400W	400W 2U Switching Power Supply	220
<b>TC-2U/46</b>	460W	460W 2U Switching Power Supply	220
<b>TC-2U/55P</b>	550W	550W 2U Switching Power Supply	222
<b>TC-500S2U</b>	500W	500W 2U Switching Power Supply	216

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 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# V-3-M16SA

## 3U Storage Server Rackmount Chassis

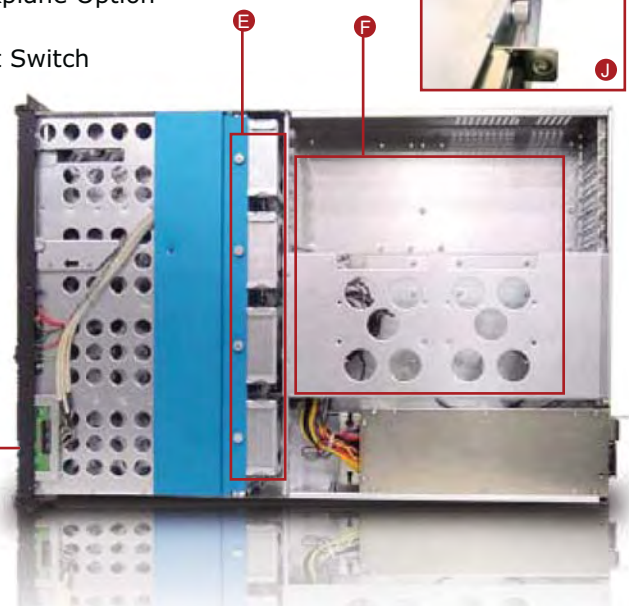


### INTRODUCTION

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### FEATURES

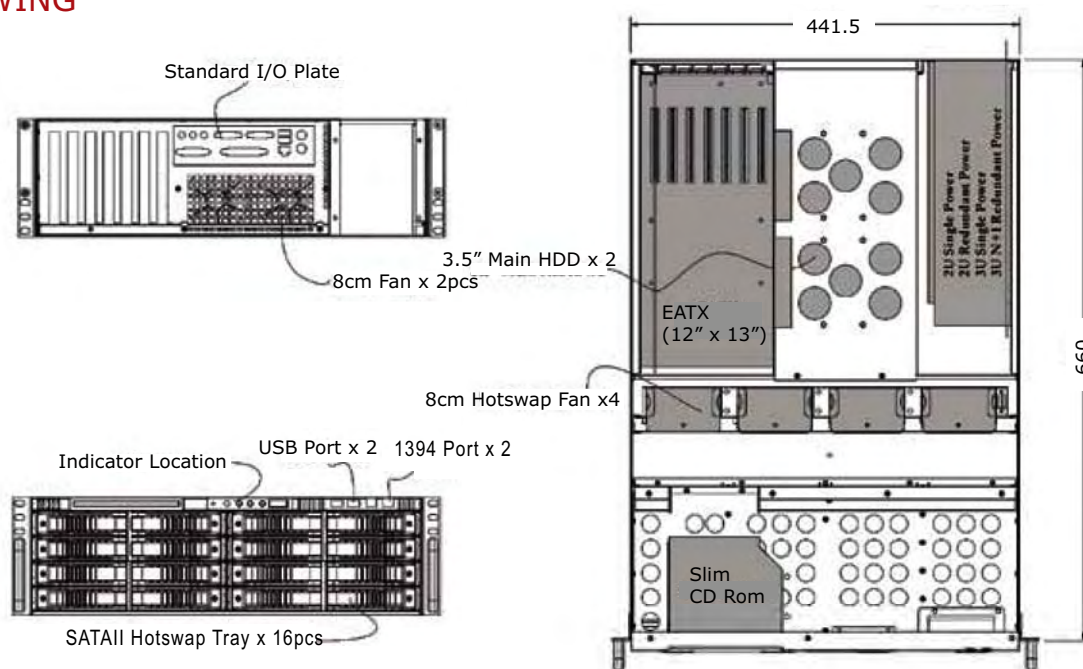
- Ⓐ Dual Build-In OS Drive for RAID Function
- Ⓑ Fiber Optical Drive Tray Status Indicator
- Ⓒ Advance Thermal Cooling Design that Optimize Airflow
- Ⓓ Industrial Grade Aluminum Drive Tray Handle with iStarUSA Signature Design
- Ⓔ 4 Hot-Swappable System Cooling Fans with Status Monitor
- Ⓕ Support Up to Quad CPU EATX Motherboard
- Ⓖ Single/MultiLane SATA, MultiLane SAS, and D-Sub Backplane Option
- Ⓗ Front Access USB and 1394 Connector
- Ⓘ Power, HDD, Alarm Led, and Power ON/OFF, Alarm Rest Switch
- ⓰ Build-in Top Cover Handle with Thumb Screws





# V-3-M16SA

## DRAWING



## SPECIFICATION

<b>Model Number</b>	<b>V-3-M16SA</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	Hot-swap Drive: 16 x SATA Slim CD Drive: 1 3.5" Drive [internal]: 2
<b>Cooling Fan</b>	6 x 80mm
<b>Industry Standard</b>	EIA-RS310D
<b>Materials</b>	Heavy-Duty Cold Roll Steel
<b>Material of Main Chassis</b>	Zinc-Plated with Bright Chromate

<b>Material of Front Bezel</b>	Texture-Coated
<b>Material of Handle</b>	Aluminum
<b>Backplane</b>	SATA 3G/SAS/SATA Multilane
<b>Expansion Slots</b>	7 x PCI Slots [Full Height & Length]
<b>Switches</b>	Power ON/OFF and System Reset
<b>Indicators</b>	Power + Fan Failure + HDD LED
<b>System Board</b>	Up to 12 x 13 [ATX/SSI EEB 3.6 Compliant Motherboard]
<b>Temperature</b>	0°C (32°F) ~ 50°C (122°F)
<b>Humidity</b>	5% ~ 95% Non-Condensing
<b>Dimensions</b>	19 x 5.25 x 27 inch

## POWER SUPPLY OPTIONS

Model Number	Output	Downloads	Page
<b>TC-2U/46</b>	460W	460W 2U Switching Power Supply	220
<b>TC-2U/55P</b>	550W	550W 2U Switching Power Supply	222
<b>TC-500S2U</b>	500W	500W 2U Switching Power Supply	216
<b>DP-650N+1</b>	650W	650w 3U Redundant Power Supply	N/A

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# V-4-M24SA

## 4U 24-Bay Storage Server Rackmount Chassis

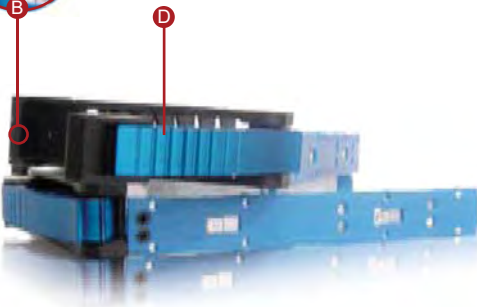


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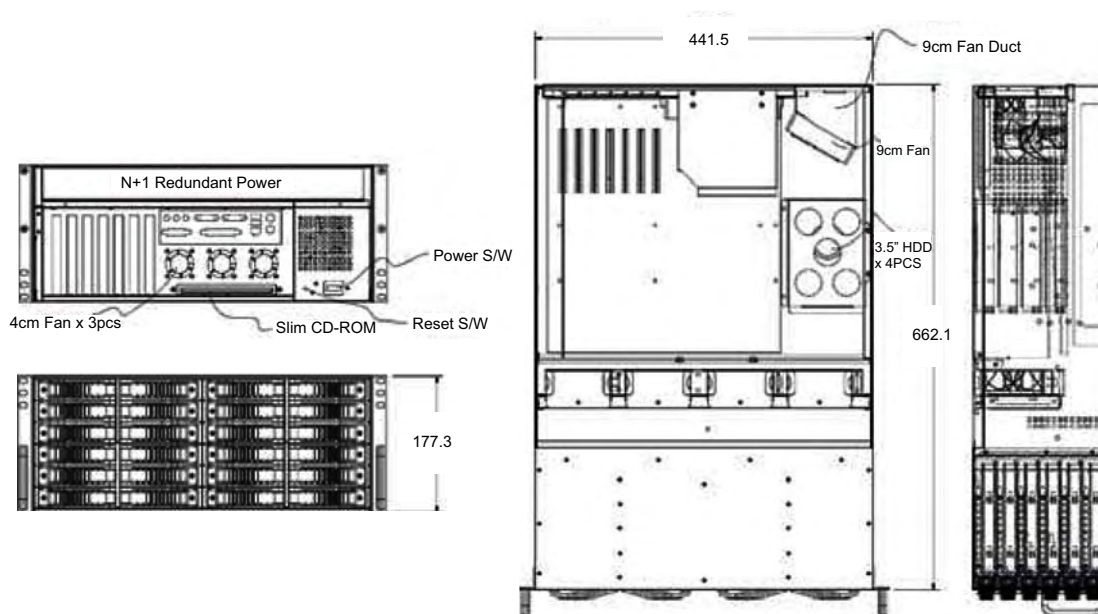
### FEATURES

- Ⓐ Dual Build-In OS Drive for RAID Function
- Ⓑ Fiber Optical Drive Tray Status Indicator
- Ⓒ Advance Thermal Cooling Design that Optimize Airflow
- Ⓓ Industrial Grade Aluminum Drive Tray Handle with iStarUSA Signature Design
- Ⓔ Build-in Top Cover Handle with Thumb Screws
- Ⓕ Support Up to Quad CPU EATX Motherboard
- Ⓖ Single/MultiLane SATA, MultiLane SAS, and D-Sub Backplane Option



# V-4-M24SA

## DRAWING



## SPECIFICATION

<b>Model Number</b>	<b>V-4-M24SA</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	Hot-swap Drive: 24 x SATA Slim CD Drive: 1 3.5" Drive [internal]: 4
<b>Cooling Fan [Option]</b>	3 x 40mm, 4 x 80mm, 1 x 90mm
<b>Industry Standard</b>	EIA-RS310D
<b>Materials</b>	Heavy-Duty Cold Roll Steel
<b>Material of Main Chassis</b>	Zinc-Plated with Bright Chromate

<b>Material of Front Bezel</b>	Texture-Coated
<b>Material of Handle</b>	Aluminum
<b>Backplane</b>	SATA 3G/SAS/SATA Multilane
<b>Expansion Slots</b>	7 x PCI Slots [Full Height & Length]
<b>Switches</b>	Power ON/OFF and System Reset
<b>Indicators</b>	Power + Fan Failure + HDD LED
<b>System Board</b>	Up to 12 x 13 [ATX/SSI EEB 3.6 Compliant Motherboard]
<b>Temperature</b>	0°C (32°F) ~ 50°C (122°F)
<b>Humidity</b>	5% ~ 95% Non-Condensing
<b>Dimensions</b>	19 x 7 x 27 inch

## POWER SUPPLY OPTIONS

Model Number	Output	Downloads	Page
<b>CP-17060</b>	600W	600W 1U Redundant Power Supply	N/A
<b>CP-17070</b>	700W	700W 1U Redundant Power Supply	N/A
<b>CP-17080</b>	800W	800W 1U Redundant Power Supply	N/A
<b>TC-1500R1U4N</b>	1500W	1500W 1U N+1 Redundant Power Supply	N/A

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# V-2-M2SA

## 2U Storage Server Rackmount Chassis

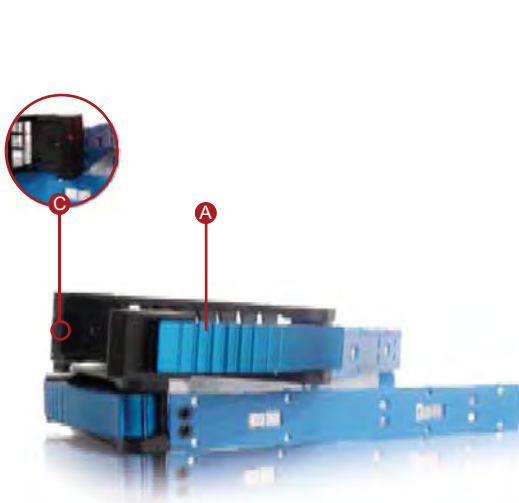


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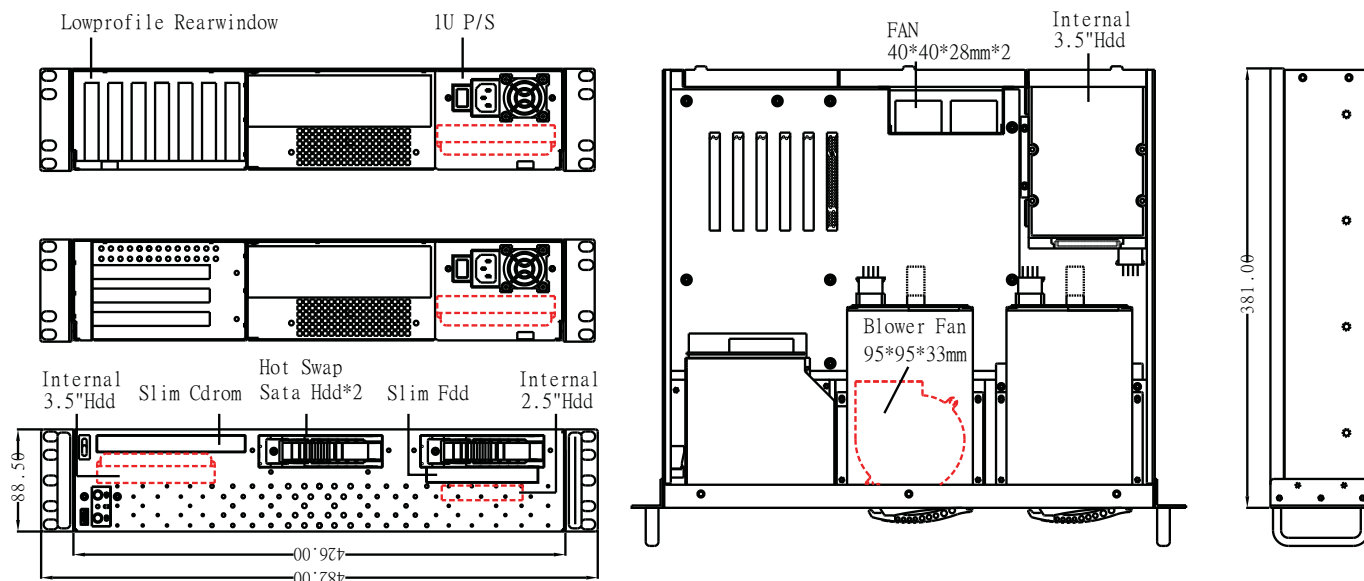
### FEATURES

- Ⓐ Industrial Grade Aluminum Drive Tray Handle with iStarUSA Signature Design
- Ⓑ Ultra Compact 15" Body Depth
- Ⓒ Fiber Optical Drive Tray Status Indicator
- Ⓓ Advance Thermal Cooling Design that Optimize Airflow
- Ⓔ Single/MultiLane SATA, MultiLane SAS, and D-Sub Backplane Option
- Ⓕ Front Access USB Connector
- Ⓖ Power, HDD, Alarm Led, and Power ON/OFF, Alarm Rest Switch
- Ⓗ RoHS Compliance



# V-2-M2SA

## DRAWING



## SPECIFICATION

<b>Model Number</b>	<b>V-2-M2SA</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	Hot-swap Drive: 2 x SATA II Slim CD Drive: 1 3.5" Drive [internal]: 2
<b>Cooling Fan</b>	2 x 40mm + 1 x 90mm Blower
<b>Industry Standard</b>	EIA-RS310D
<b>Materials</b>	Heavy-Duty Cold Roll Steel
<b>Material of Main Chassis</b>	Zinc-Plated with Bright Chromate

<b>Material of Front Bezel</b>	Texture-Coated
<b>Material of Handle</b>	Aluminum
<b>Backplane</b>	SATA I/ SATA II
<b>Expansion Slots</b>	3 x Full Height PCI Slots or 7 x Low Profile [option]
<b>Switches</b>	Power ON/OFF and System Reset
<b>Indicators</b>	Power + Fan Failure + HDD LED
<b>System Board</b>	Up to 12 x 10
<b>Temperature</b>	0°C (32°F) ~ 50°C (122°F)
<b>Humidity</b>	5% ~ 95% Non-Condensing
<b>Dimensions</b>	19 x 3.5 x 15 inch

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-1U35/40</b>	350/400W	218
<b>TC-350/400/460R2U</b> * configuration change required	350/400/460W	214
<b>CP-01035</b>	350W	N/A
<b>CP-01040</b>	400W	N/A

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# V-3-M4SA

## 3U Storage Server Rackmount Chassis

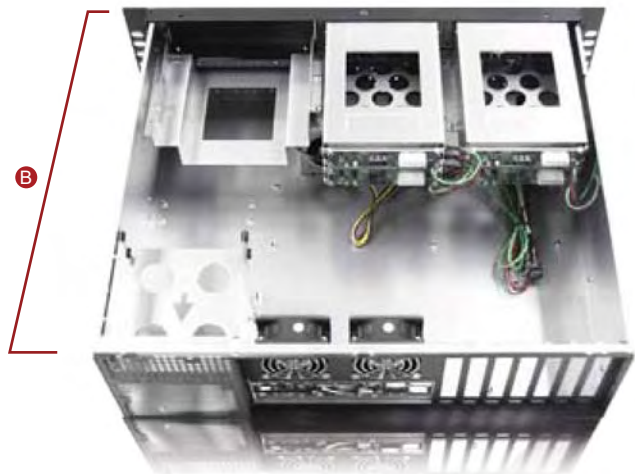
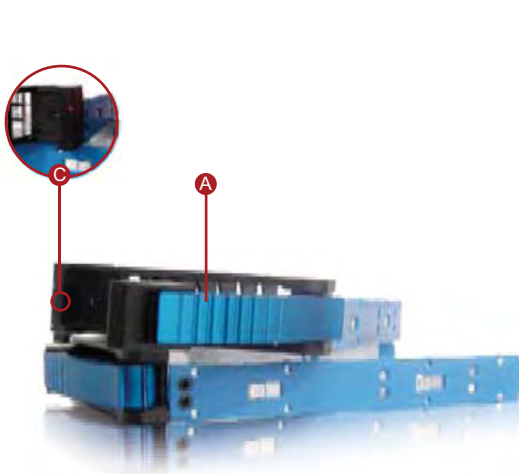


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### FEATURES

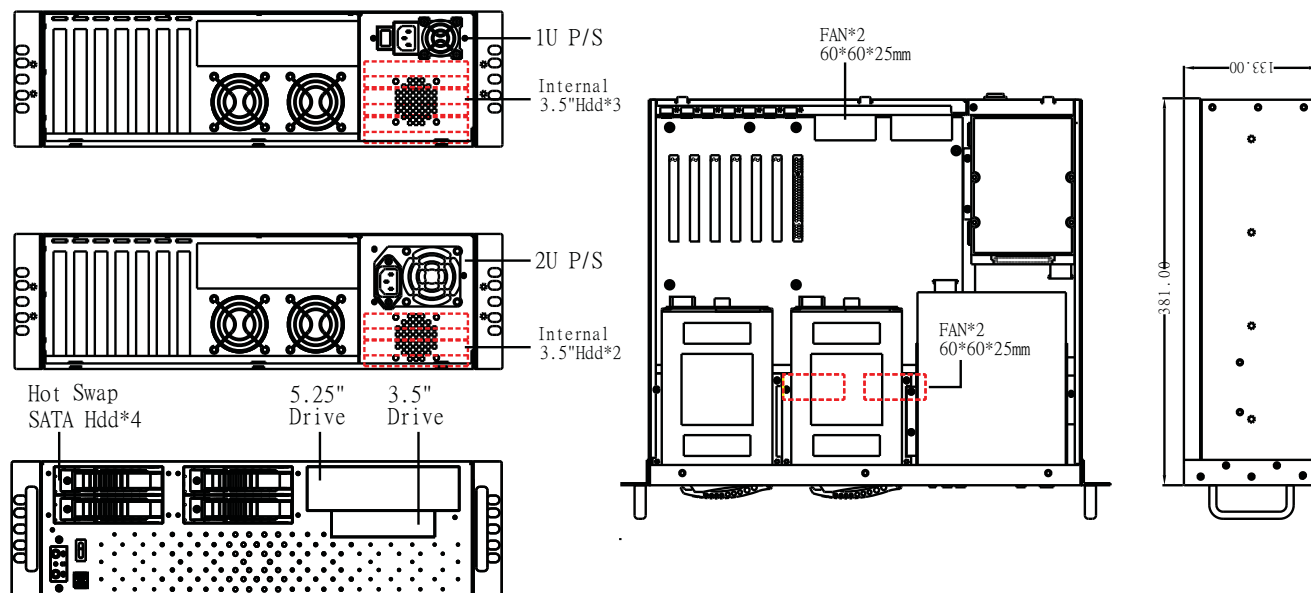
- A Industrial Grade Aluminum Drive Tray Handle with iStarUSA Signature Design
- B Ultra Compact 15" Body Depth
- C Fiber Optical Drive Tray Status Indicator
- D Advance Thermal Cooling Design that Optimize Airflow
- E Single/MultiLane SATA, MultiLane SAS, and D-Sub Backplane Option
- F Front Access USB Connector
- G Power, HDD, Alarm Led, and Power ON/OFF, Alarm Rest Switch
- H RoHS Compliance





# V-3-M4SA

## DRAWING



## SPECIFICATION

<b>Model Number</b>	<b>V-3-M4SA</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	Hot-swap Drive: 4 x SATA 5.25" Drive: 1 3.5" Drive [internal]: 3 3.5" Drive [external]: 1
<b>Cooling Fan [Option]</b>	4 x 60mm [1 x 40mm]
<b>Mainboard Size [inch]</b>	12 x 10
<b>Industry Standard</b>	EIA-RS310D
<b>Materials</b>	Heavy-Duty Cold Roll Steel
<b>Material of Main Chassis</b>	Zinc-Plated with Bright Chromate

<b>Material of Front Bezel</b>	Texture-Coated
<b>Material of Handle</b>	Aluminum
<b>Backplane</b>	SATA I/ SATA II
<b>Expansion Slots</b>	7 x PCI Slots
<b>Switches</b>	Power ON/OFF and System Reset
<b>Indicators</b>	Power + Fan Failure + HDD LED
<b>System Board</b>	Up to 12 x 10 [ATX/SSI EEB 3.6 Compliant Motherboard]
<b>Temperature</b>	0°C (32°F) ~ 50°C (122°F)
<b>Humidity</b>	5% ~ 95% Non-Condensing
<b>Dimensions</b>	19 x 5.25 x 15 inch

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-1U35/40</b>	350/400W	218
<b>TC-2U35/40/46</b>	350/400/460W	220
<b>CP-01035</b>	350W	N/A
<b>CP-01040</b>	400W	N/A

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 :: Last Update: Oct/2007



# D-106

## 1U Ultra-Compact Rackmount Chassis



### INTRODUCTION

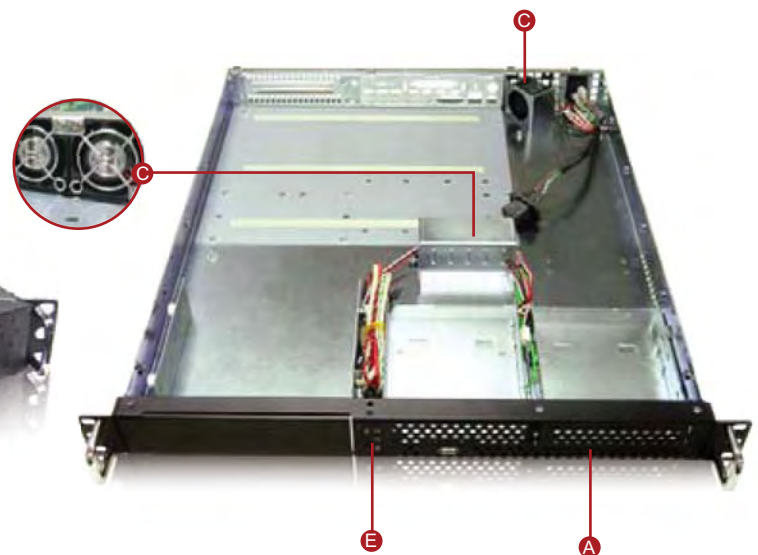
The most compact and versatile industrial rackmount chassis D Storm D-106. Our unique thermal cooling solution including front cold air intake tunnel and 3x40mm cooling fan can cool the system down while it runs at optimal level. Optional slim CD and floppy combo enable hot-swappable storage, raid configuration, and total storage capacity up to 1 terabytes provide the server or cluster maximum flexibility and performance.

### FEATURES

- Ⓐ Signature Aluminum Front Panel
- Ⓑ Front Access USB2.0 x 1
- Ⓒ 40mm x 3 Cooling Fan
- Ⓓ Performance Front Cold Air Intake Tunnel
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch
- Ⓖ Thumb Screw 5.25" Drive Bay
- Ⓗ Custom I/O Shield
- Ⓘ 32bit PCI Riser Card x 1 (Optional 64 bits)
- Ⓙ Optional Slim CD/Floppy Combo

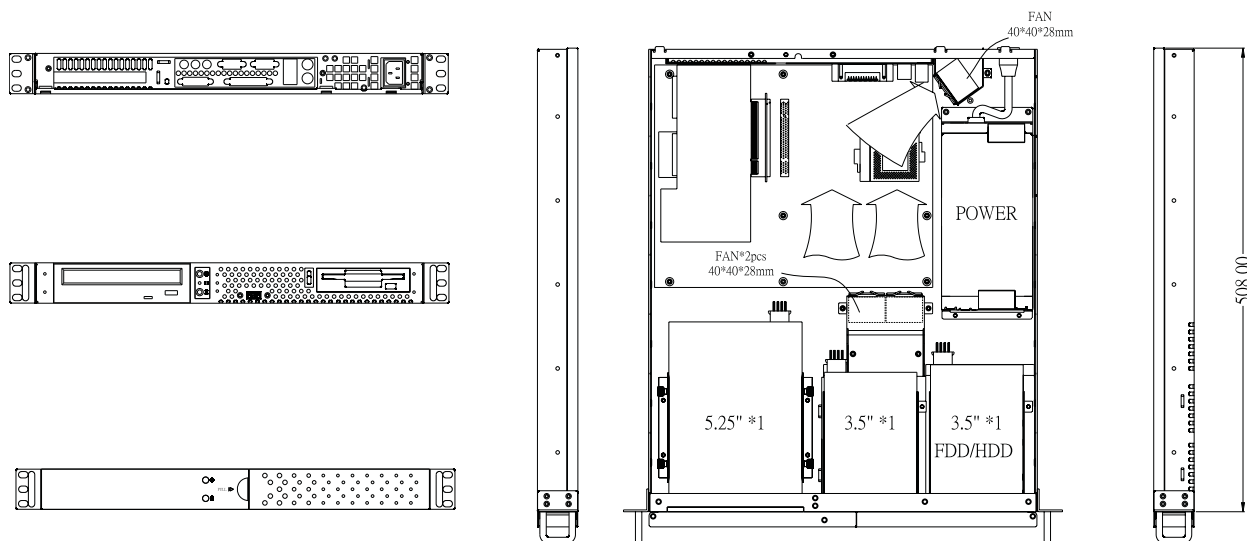


Custom I/O Shield Ⓗ



## D-106

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-106</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 1 3.5" Drive: 1 3.5" Drive [internal]: 1 or 2 x 2.5"	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Cooling Fan</b>	3 x 40mm	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Front Bezel</b>	Black / Blue / Silver
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Main Chassis</b>	Black
<b>Expansion Slots</b>	1 x PCI 32bit	<b>Front Connector</b>	Front USB 2.0 x 1 Connector
		<b>Dimensions (WxHxD)</b>	19 x 1.75 x 20 inch

## OPTIONAL ACCESSORIES

Model Number	Product Description	Page
<b>RP-COMBO-SLIM</b>	Slim CD and Floppy Combo for 5.25 Drive Bay	N/A
<b>RP-1URASER64B</b>	64bits PCI Riser Card	N/A
<b>TC-Rail-20</b>	20" Sliding Rail Kit for Most Rackmount Chassis	160
<b>TC-Rail-24</b>	24" Sliding Rail Kit for Most Rackmount Chassis	160
<b>TC-Rail-26</b>	26" Sliding Rail Kit for Most Rackmount Chassis	160

## POWER SUPPLY OPTIONS

Model Number	Output	Downloads	Page
<b>TC-1U/25</b>	250W	250W 1U Switching Power Supply	218
<b>TC-1U/35</b>	350W	350W 1U Switching Power Supply	218
<b>TC-1U/40</b>	400W	400W 1U Switching Power Supply	218

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-107

## 1.3U Industrial Leading Rackmount Chassis

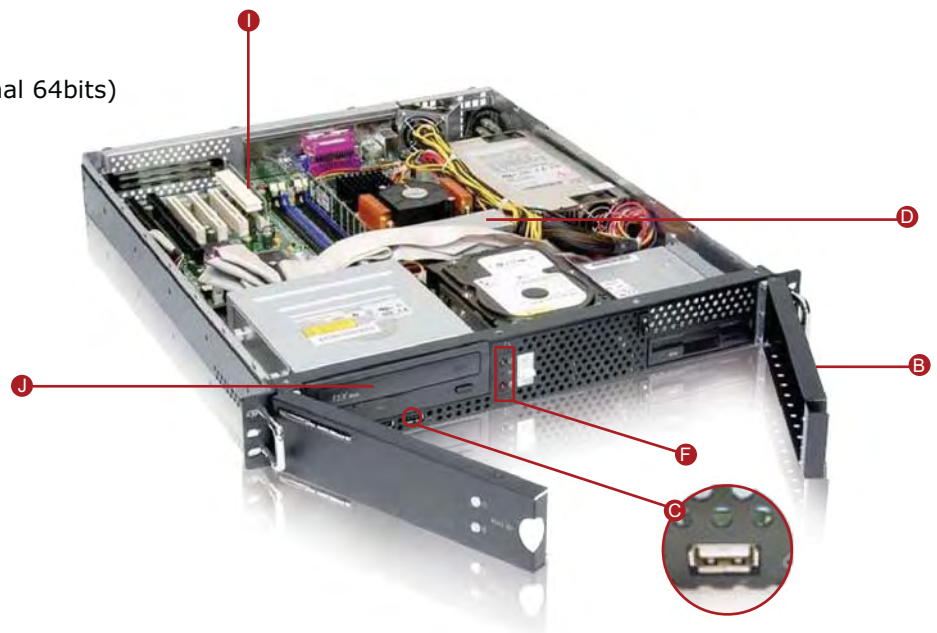


### INTRODUCTION

The industrial first 1.3U rackmount chassis D Storm D-107. Our unique thermal cooling solution including front cold air intake tunnel and 3x50mm cooling fan can cool the system down while it runs at optimal level. The 1.3U size enables standard I/O backplane for maximum compatibility of any motherboard. Optional slim CD and floppy combo enable hot-swappable storage, raid configuration, and total storage capacity up to 1.5 terabytes provide the server or cluster supreme flexibility and performance.

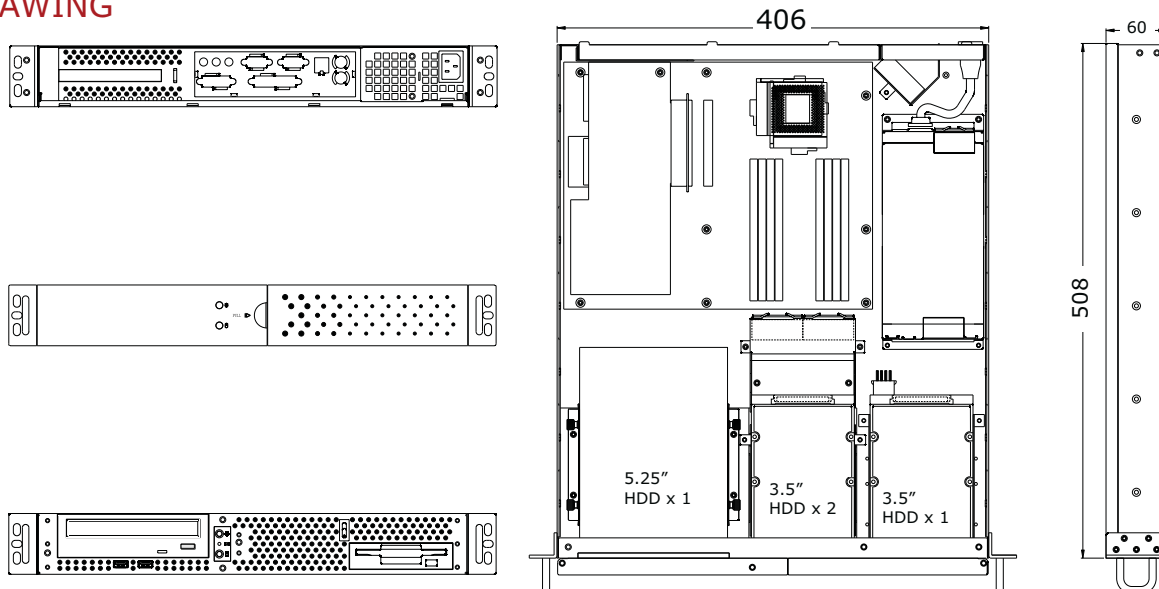
### FEATURES

- Ⓐ Industrial First 1.3U Design
- Ⓑ Signature Aluminum Front Panel
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 50mm x 3 Cooling Fan
- Ⓔ Performance Front Cold Air Intake Tunnel
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Thumb Screw 5.25 Drive Bay
- Ⓘ 32bit PCI Riser Card x 1 (Optional 64bits)
- Ⓙ Optional Slim CD/Floppy Combo
- Ⓚ Custom I/O Shield



# D-107

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-107</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 1 3.5" Drive: 1 3.5" Drive [internal]: 2	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Cooling Fan</b>	3 x 50mm	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Front Bezel</b>	Black / Blue / Silver
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Main Chassis</b>	Black
<b>Expansion Slots</b>	1 x PCI 32bit	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 2.2 x 20 inch

## OPTIONAL ACCESSORIES

Model Number	Product Description	Page
<b>RP-COMBO-SLIM</b>	Slim CD and Floppy Combo for 5.25 Drive Bay	N/A
<b>RP-1URASER64B</b>	64bits PCI Riser Card	10-11
<b>TC-Rail-20</b>	20" Sliding Rail Kit for Most Rackmount Chassis	160
<b>TC-Rail-24</b>	24" Sliding Rail Kit for Most Rackmount Chassis	160
<b>TC-Rail-26</b>	26" Sliding Rail Kit for Most Rackmount Chassis	160

## POWER SUPPLY OPTIONS

Model Number	Output	Downloads	Page
<b>TC-1U/25</b>	250W	250W 1U Switching Power Supply	218
<b>TC-1U/35</b>	350W	350W 1U Switching Power Supply	218
<b>TC-1U/40</b>	400W	400W 1U Switching Power Supply	218

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-200

## 2U Compact Stylish Rackmount Chassis

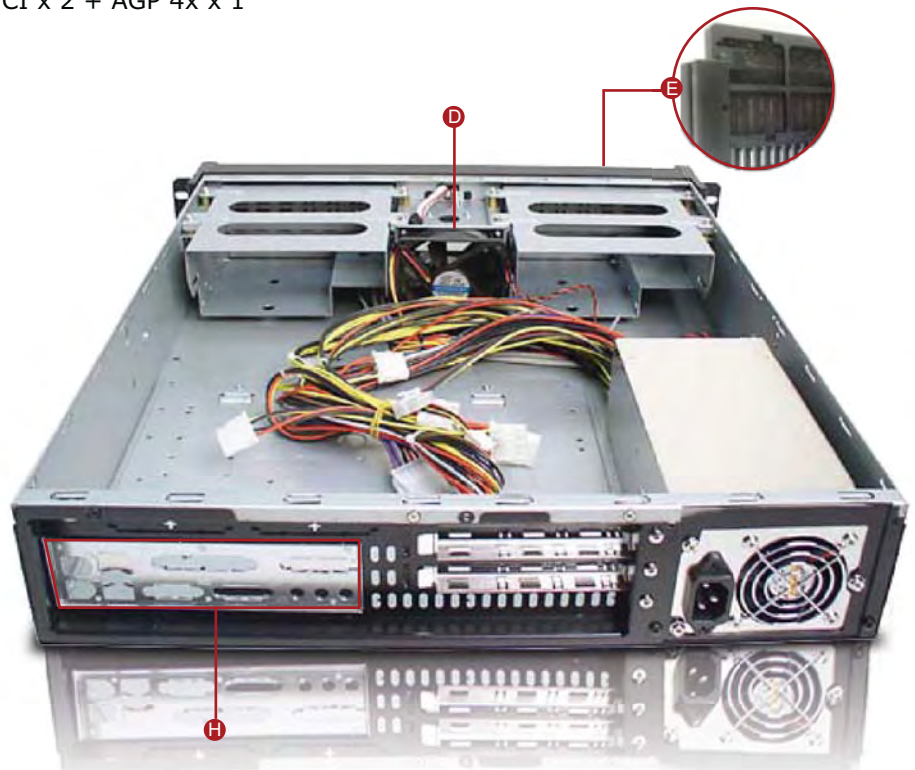
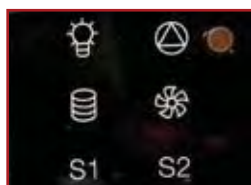


### INTRODUCTION

The 2U compact industrial rackmount chassis D Storm D-200. The full size I/O supports all ATX motherboard. Combine T-7 Hot-swappable cage for raid configuration, and total up to 4 drive storage capacity. D-200 support 3 add-on cards include PCI, PCI-X, AGP, or PCI-Express architecture that provide your server or cluster maximum flexibility and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

### FEATURES

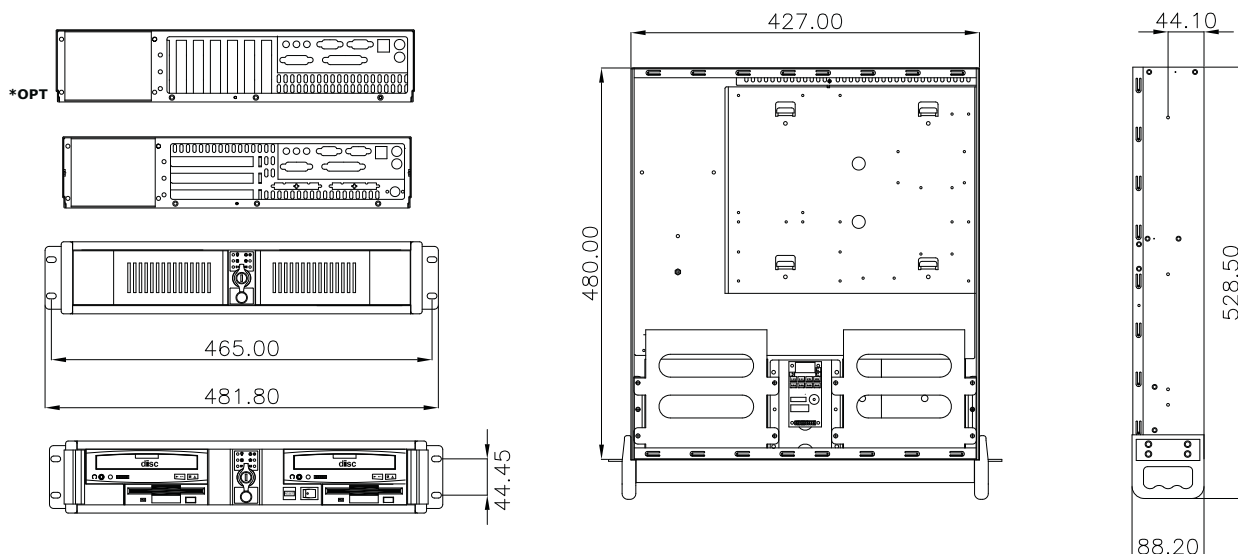
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 32bit PCI riser card x 3 / Optional PCI x 2 + AGP 4x x 1
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 1 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ I/O Shield
- Ⓘ Optional Aluminum Chassis





# D-200

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-200</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 2 3.5" Drive: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 80mm [1 x 60mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-200-32bit/64bit/AGP/AGP Pro</b>	10-11
<b>TC-Rail-20</b>	160	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24</b>	160	<b>DD-Fan60</b>	162
<b>TC-Rail-26</b>	160	<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-2U/35</b>	350W	220	<b>TC-350R2U</b>	350W	214
<b>TC-2U/40</b>	400W	220	<b>TC-400R2U</b>	400W	214
<b>TC-2U/46</b>	460W	220	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-200A-T

## 2U Compact Stylish Aluminum Rackmount Chassis

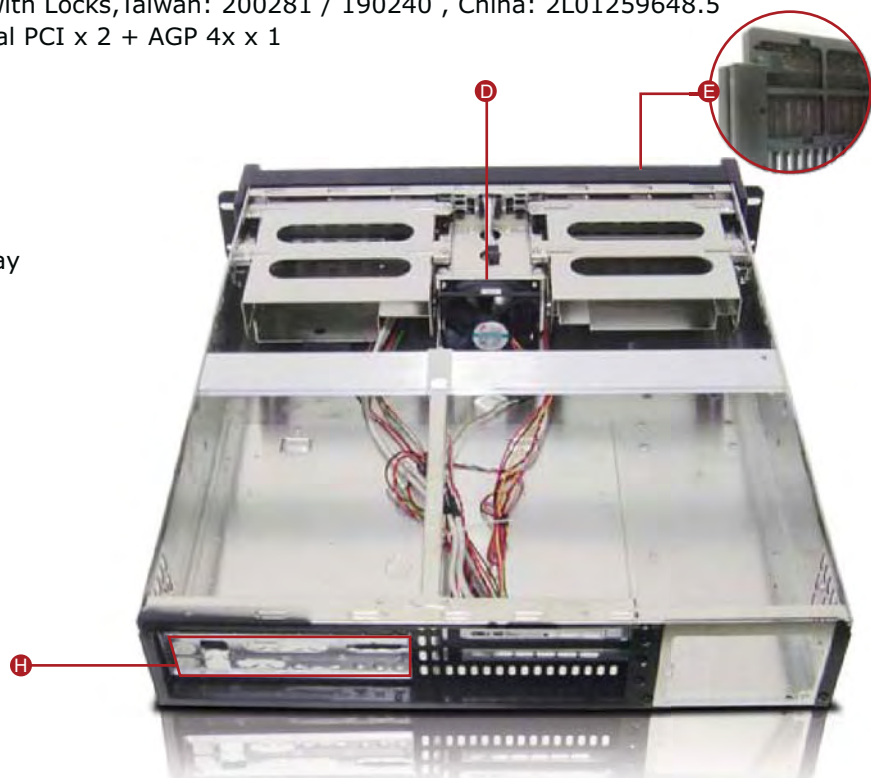
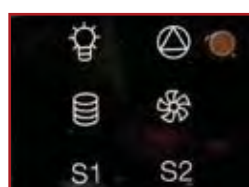


### INTRODUCTION

The 2U compact industrial rackmount chassis D Storm D-200A-T. The full size I/O supports all ATX motherboard. Optional 3.5 and 5.25 tray enable hot-swappable storage, raid configuration, and total storage capacity up to 4 storage drives provide the server or cluster maximum flexibility and performance. Full Aluminum body construction drops the unwanted weights and still keeps the tough chassis structure.

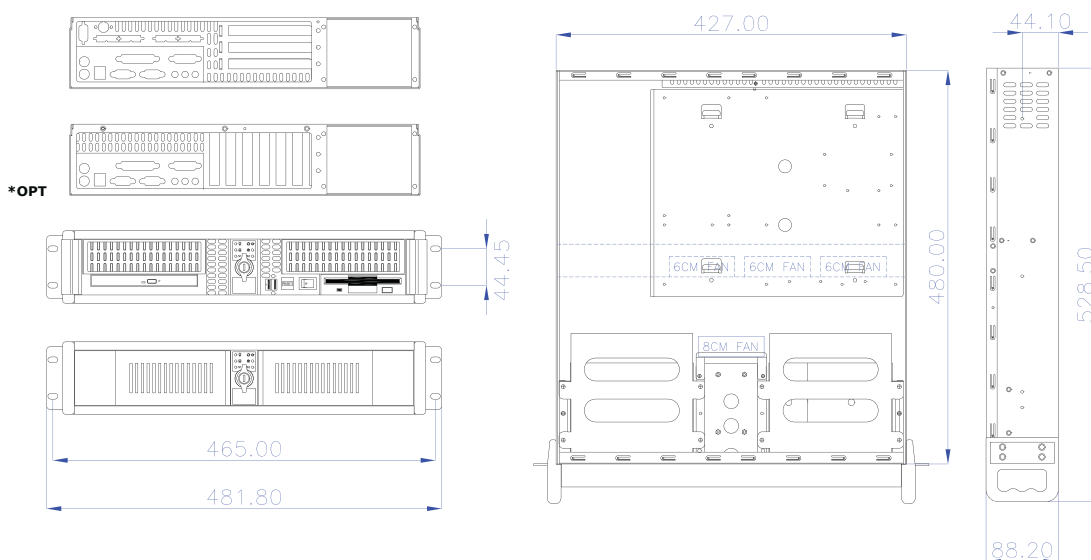
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 32bit PCI Riser Card x 3 / Optional PCI x 2 + AGP 4x x 1
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 1 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ I/O Shield
- Ⓘ Optional Hot-Swappable 5.25" Tray



# D-200A-T

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-200A-T</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 2 + 1 x SlimCD 3.5" Drive: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 80mm [3 x 60mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	Aluminum
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm Aluminum
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-200-32bit/64bit/AGP/AGP Pro</b>	10-11
<b>TC-Rail-20</b>	160	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24</b>	160	<b>DD-Fan60</b>	162
<b>TC-Rail-26</b>	160	<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-2U/35</b>	350W	220	<b>TC-350R2U</b>	350W	214
<b>TC-2U/40</b>	400W	220	<b>TC-400R2U</b>	400W	214
<b>TC-2U/46</b>	460W	220	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-200L

## 2U High Performance Rackmount Chassis

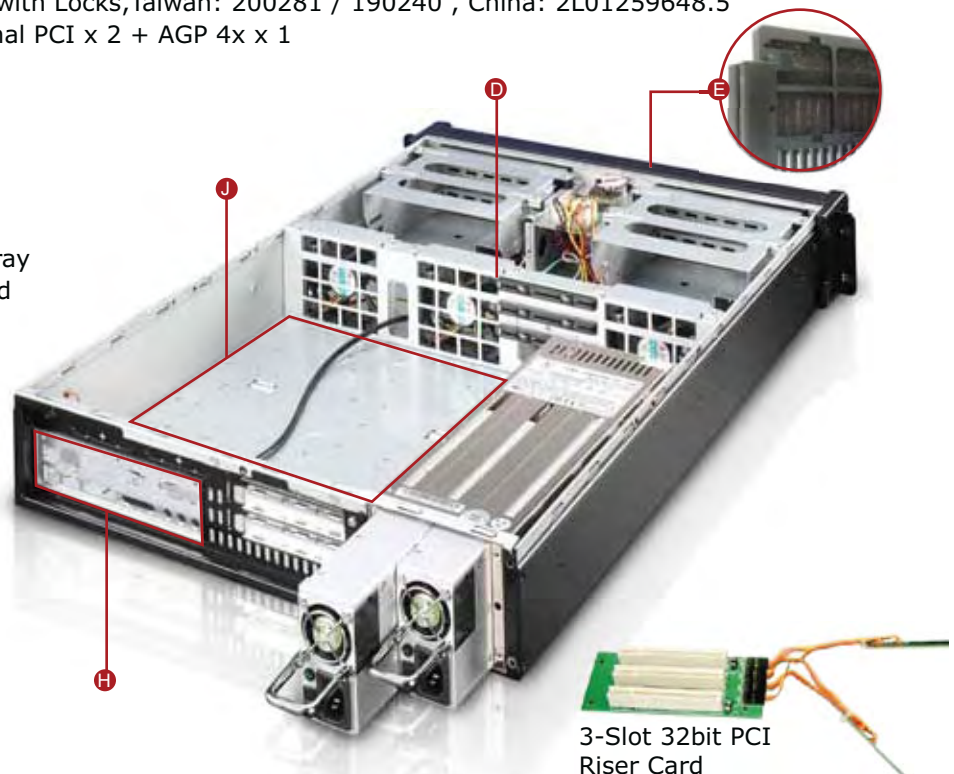
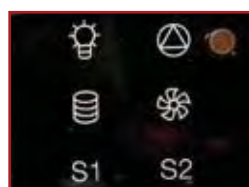


### INTRODUCTION

The 2U compact industrial rackmount chassis D Storm D-200L. The full size I/O supports all ATX motherboard. Combine T-7 Hot-swappable cage for raid configuration, and total up to 4 drive storage capacity. D-200L support 3 add-on cards include PCI, PCI-X, AGP, or PCI-Express architecture that provide your server or cluster maximum flexibility and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

### FEATURES

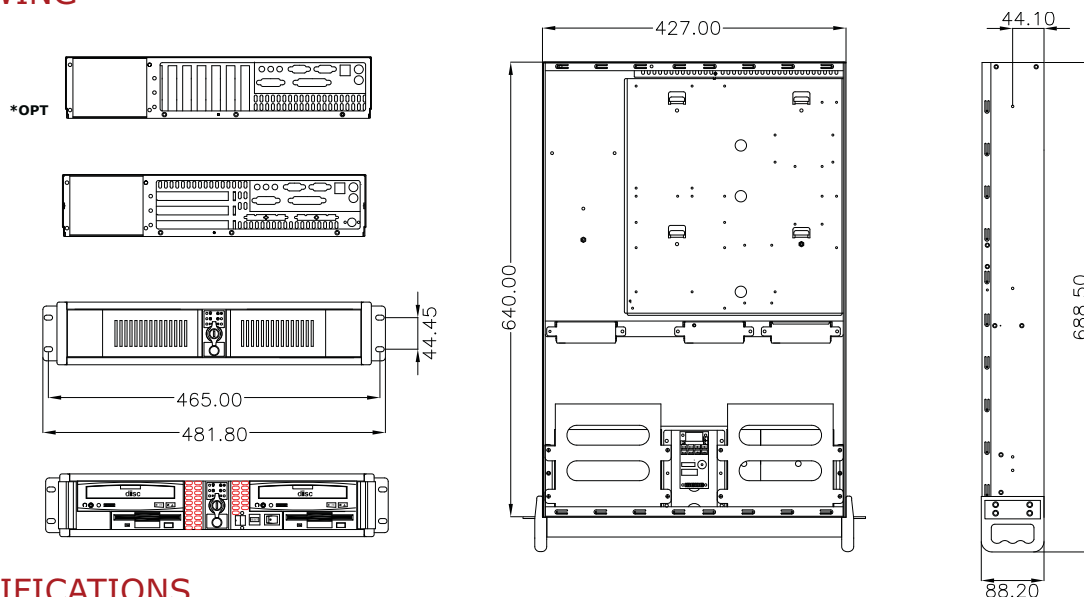
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 32bit PCI Riser Card x 3 / Optional PCI x 2 + AGP 4x x 1
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 3 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ I/O Shield
- Ⓘ Optional Hot-Swappable 5.25" Tray
- ⓵ Support Extend-ATX Motherboard



3-Slot 32bit PCI Riser Card

# D-200L

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-200L</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 2 + 3.5" Drive: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan</b>	3 x 80mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-200-32bit/64bit/AGP/AGP Pro</b>	10-11
<b>TC-Rail-24</b>	160	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-26</b>	160	<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-2U/35</b>	350W	220	<b>TC-350R2U</b>	350W	214
<b>TC-2U/40</b>	400W	220	<b>TC-400R2U</b>	400W	214
<b>TC-2U/46</b>	460W	220	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-200L-T

## 2U High Performance Rackmount Chassis

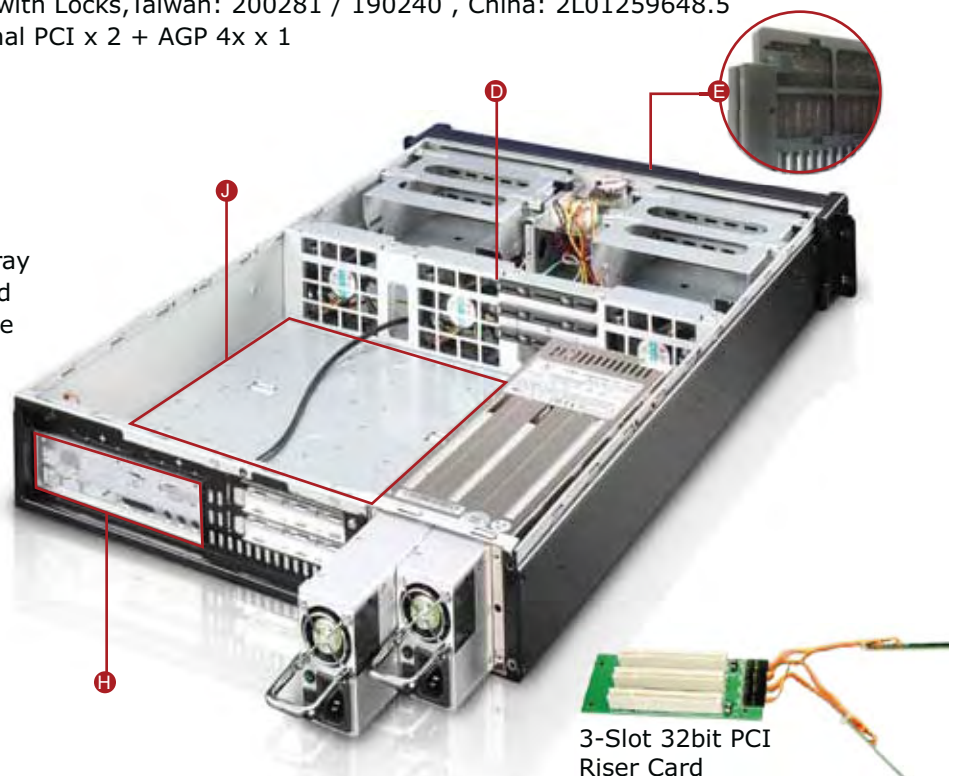
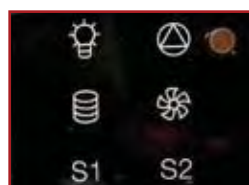


### INTRODUCTION

The 2U compact industrial rackmount chassis D Storm D-200L-T. The full size I/O supports all ATX motherboard. Combine T-7 Hot-swappable cage for raid configuration, and total up to 4 drive storage capacity. D-200L-T support 3 add-on cards include PCI, PCI-X, AGP, or PCI-Express architecture that provide your server or cluster maximum flexibility and performance.

### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 32bit PCI Riser Card x 3 / Optional PCI x 2 + AGP 4x x 1
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 3 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ I/O Shield
- Ⓘ Optional Hot-Swappable 5.25" Tray
- ⓵ Support Extend-ATX Motherboard
- Ⓚ Optional T-7 Hot-Swappable Cage

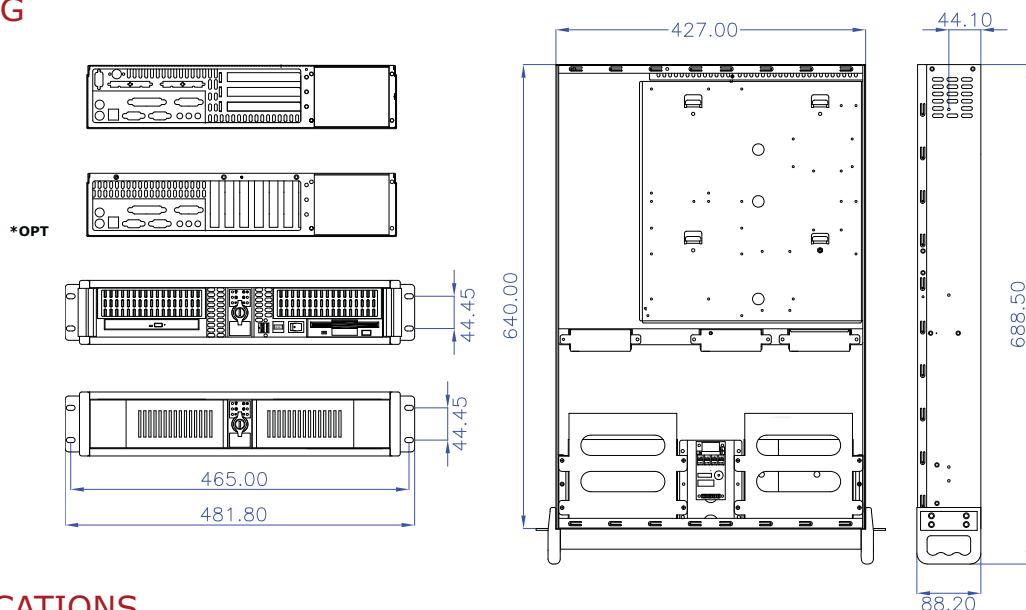


3-Slot 32bit PCI Riser Card



# D-200L-T

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-200L-T</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 2 + 1 x SlimCD 3.5" Drive: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan</b>	3 x 80mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-200-32bit/64bit/AGP/AGP Pro</b>	10-11
<b>TC-Rail-24</b>	160	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-26</b>	160	<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-2U/35</b>	350W	220	<b>TC-350R2U</b>	350W	214
<b>TC-2U/40</b>	400W	220	<b>TC-400R2U</b>	400W	214
<b>TC-2U/46</b>	460W	220	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-200S

## 2U Compact Stylish Rackmount Chassis

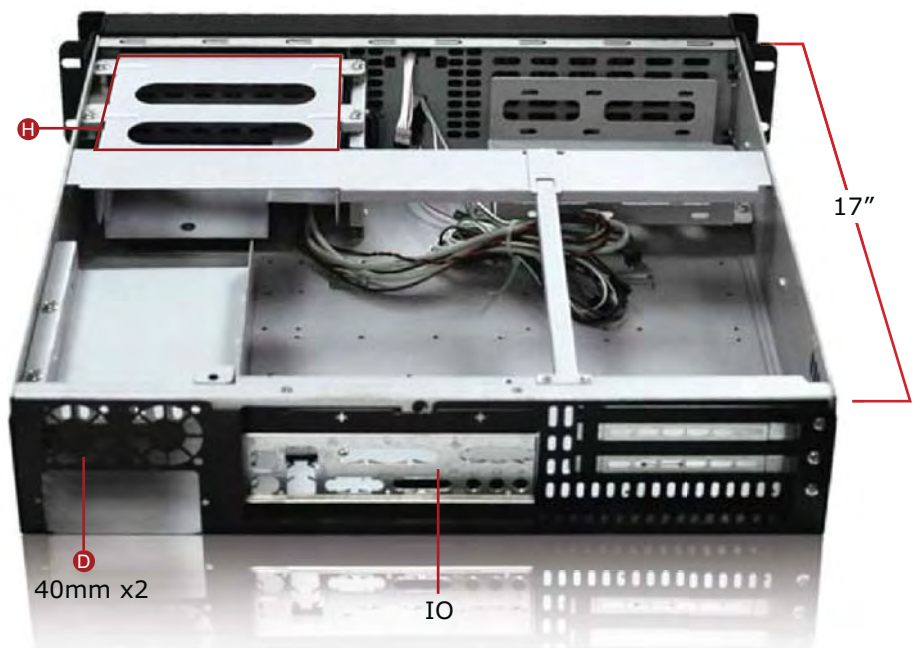
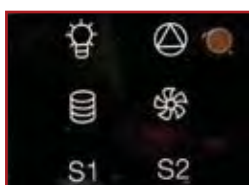


### INTRODUCTION

D-200S is a reliable and stable 2U-high 17" depth with 3-slot PCI industrial computer chassis. The full size I/O supports all ATX motherboard. D-200S supports three add-on cards include PCI, PCI-X, AGP, or PCI-Express architecture that provide your server or cluster maximum flexibility and performance. This unit is ideal for data intensive business, multimedia, and surveillance applications when rack space optimization with high data storage capacity is crucial. Optional aluminum body reduces total chassis weight and also provides enhanced thermal cooling solution.

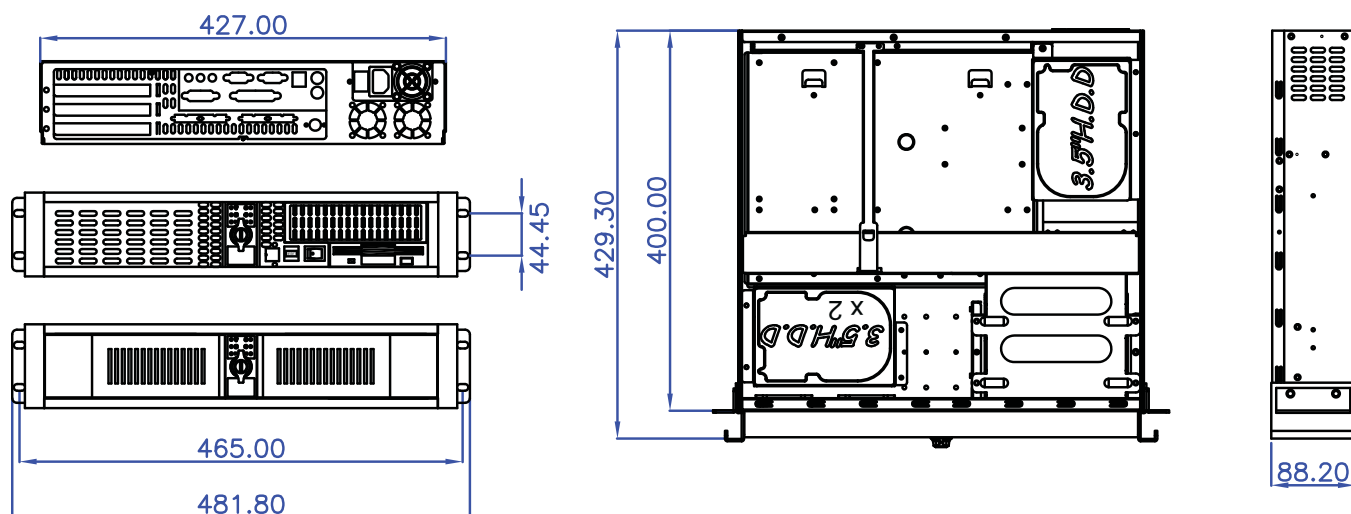
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 2U High 17" Depth Short For Applications of Industrial Computer Chassis
- Ⓒ Supports Front Access USB2.0 x2
- Ⓓ 40mm x2 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Shock-resistant Drive Bay Design  
Supports Up to One 5.25" and 3.5" Disk Drives
- Ⓘ 32bit PCI riser card x3 / Optional  
PCI x2 + AGP 4x x1
- Ⓙ Optional Aluminum Chassis
- Ⓚ Color Aluminum Bezel Options:  
Red/Blue/Gold/Silver



# D-200S

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-200S</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 1 3.5" Drive: 1 3.5 Drive [internal]: 3	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan</b>	2 x 40mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [ Japan Made ]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 17 inch

## OPTIONAL ACCESSORIES

Model Number	Page
DD-Series	10-11
TC-Rail 20/24	160

## POWER SUPPLY OPTIONS

Model Number	Output	Product Description	Page
CP-01025	250W	250W 1U Switching Power Supply	N/A
CP-01035	350W	350W 1U Switching Power Supply	N/A
CP-01040	400W	400W 1U Switching Power Supply	N/A

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-200-T

## 2U Compact Stylish Rackmount Chassis

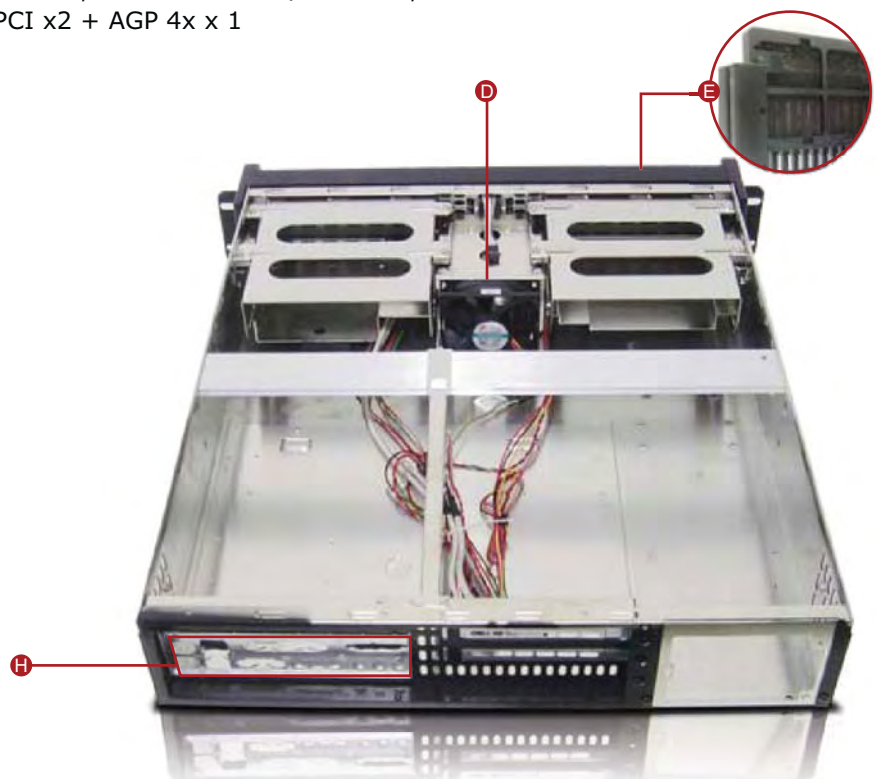
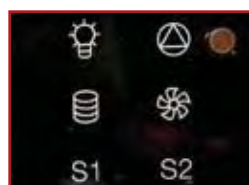


### INTRODUCTION

The 2U compact industrial rackmount chassis D Storm D-200-T. The full size I/O supports all ATX motherboard. Combine T-7 Hot-swappable cage for raid configuration, and total up to 4 drive storage capacity. D-200-T supports 3 add-on cards include PCI, PCI-X, AGP, or PCI-Express architecture that provide your server or cluster maximum flexibility and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

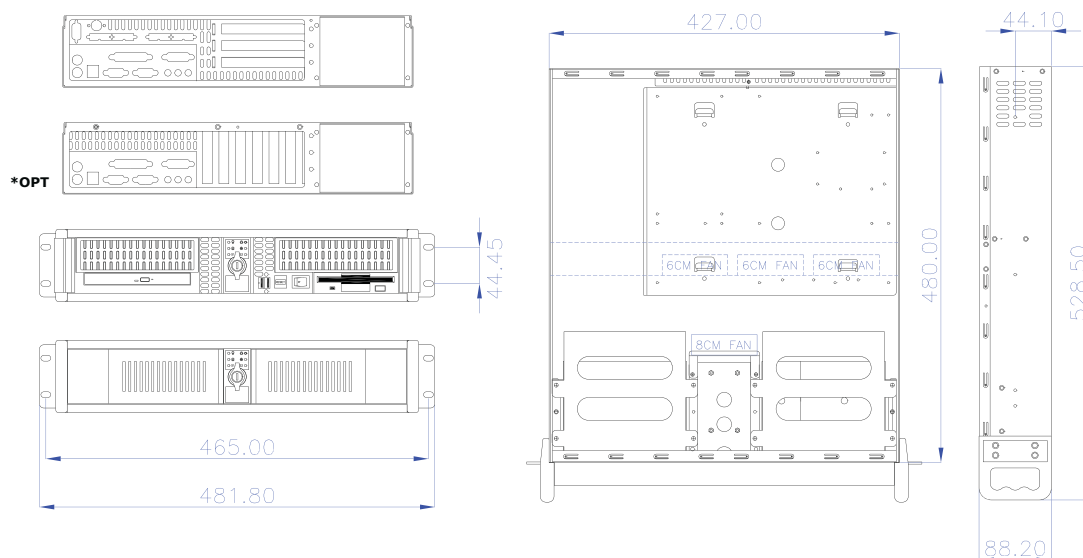
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 32bit PCI Riser Card x 3 / Optional PCI x2 + AGP 4x x 1
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 1 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ I/O Shield
- Ⓘ Optional Aluminum Chassis
- ⓵ Optional Slim CD/Floppy Combo
- Ⓚ Optional T-7 Hot-Swappable Cage



# D-200-T

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-200-T</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 2 + 1 x SlimCD 3.5" Drive: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 80mm [3 x 60mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-200-32bit/64bit/AGP/AGP Pro</b>	10-11
<b>TC-Rail-20</b>	160	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24</b>	160	<b>DD-Fan60</b>	162
<b>TC-Rail-26</b>	160	<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-2U/35</b>	350W	220	<b>TC-350R2U</b>	350W	214
<b>TC-2U/40</b>	400W	220	<b>TC-400R2U</b>	400W	214
<b>TC-2U/46</b>	460W	220	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-300

## 3U Compact Stylish Rackmount Chassis

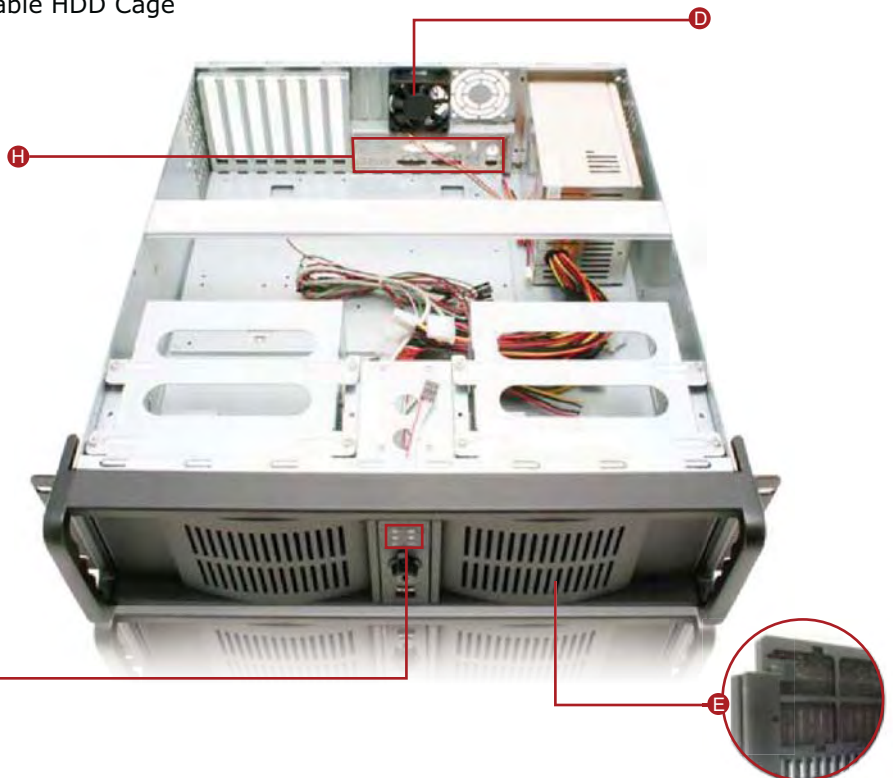
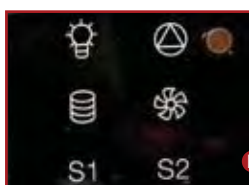
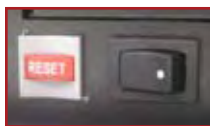


### INTRODUCTION

The 3U industrial rackmount chassis D Storm D-300. Optional BPU Series enable hot-swappable storage, 1/0/0+1/JBOD raid configuration, and up to total of 6 HDD storage capacities. D-300 backplane supports 7 full-length add-on cards. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution provide your system with maximum flexibility and performance.

### FEATURES

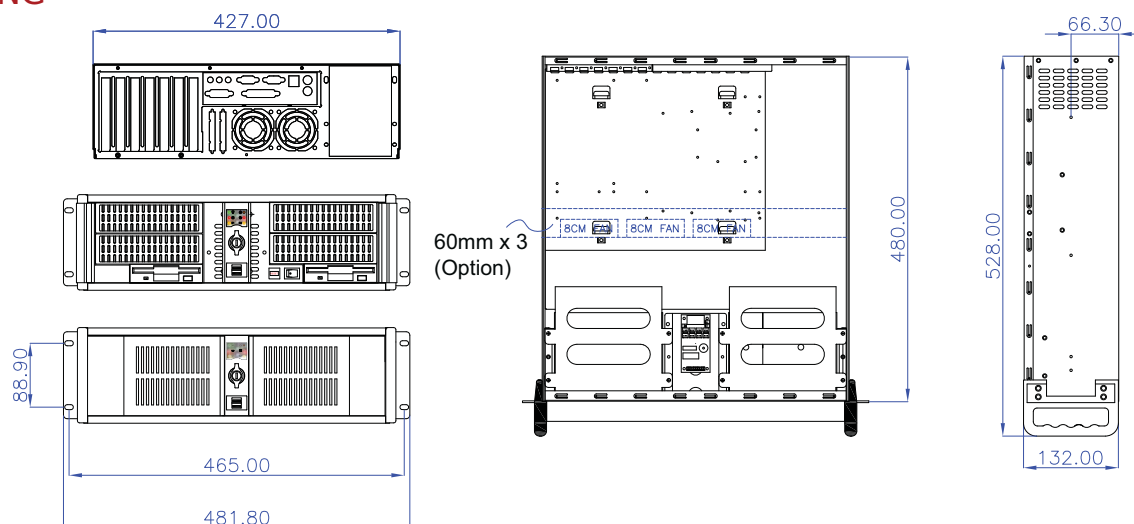
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional BPU-230 2 to 3 Hot-Swappable HDD Cage
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 60mm x 1 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Optional Aluminum Chassis





# D-300

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 2 3.5 Drive [internal]: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 60mm [3 x 60mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-20/24/26</b>	160	<b>DD-Fan60/80</b>	162-163
<b>BPU-230SATA</b>	154	<b>TC-iStorm7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-3U/30</b>	300W	224	<b>TC-350R2U</b>	350W	214
<b>TC-3U/40</b>	400W	224	<b>TC-400R2U</b>	400W	214
<b>TC-3U/46</b>	460W	224	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-300A

## 3U Compact Stylish Aluminum Rackmount Chassis



### INTRODUCTION

The 3U aluminum rackmount chassis D Storm D-300A. Aluminum body reduces chassis weight and offer better cooling solution. Optional 3.5" and 5.25" tray enable hot-swappable storage, raid configuration, and total storage capacity up to 2 terabytes provide the server or cluster maximum reliability and performance.

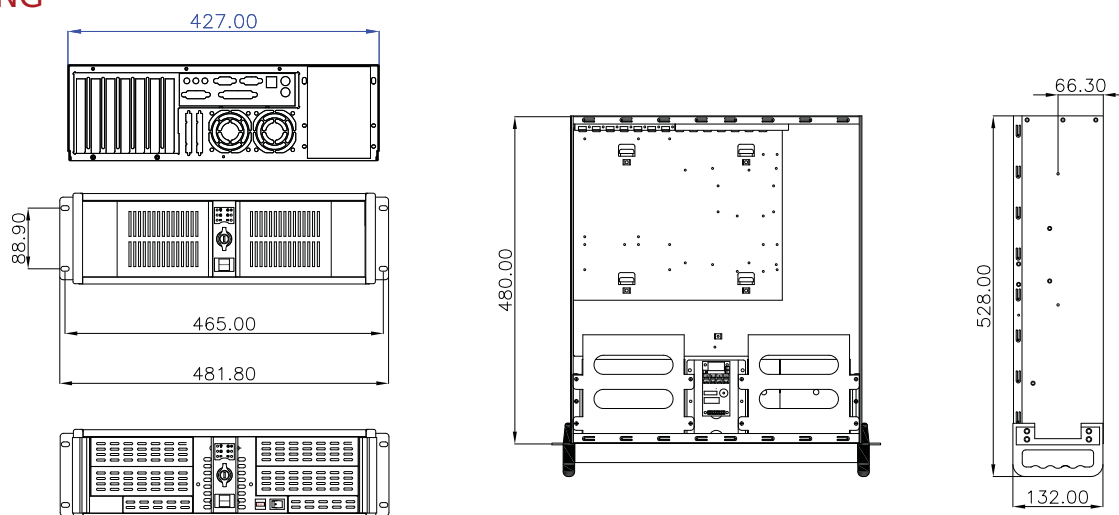
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks,Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional BPU-230 2 to 3 Hot-Swappable HDD Cage
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 60mm x 1 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Optional Aluminum Chassis



# D-300A

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300A</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 2 3.5 Drive [internal]: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 60mm [3x80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	Aluminum
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	Aluminum
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-20/24/26</b>	160	<b>DD-Fan60/80</b>	162-163
<b>BPU-230SATA</b>	154	<b>TC-iStorm 8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-3U/30</b>	300W	224	<b>TC-350R2U</b>	350W	214
<b>TC-3U/40</b>	400W	224	<b>TC-400R2U</b>	400W	214
<b>TC-3U/46</b>	460W	224	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-300AS

## 3U Compact Stylish Aluminum Rackmount Chassis



### INTRODUCTION

The 3U industrial rackmount chassis D Storm D-300AS with special short depth body that fit in more compact space requirement. Optional 3.5" and 5.25" tray enable hot-swappable storage, raid configuration, and total storage capacity up to 6 storage disk drive provide the server or cluster maximum reliability and performance. Optional aluminum body enhance portability and better thermal solution.

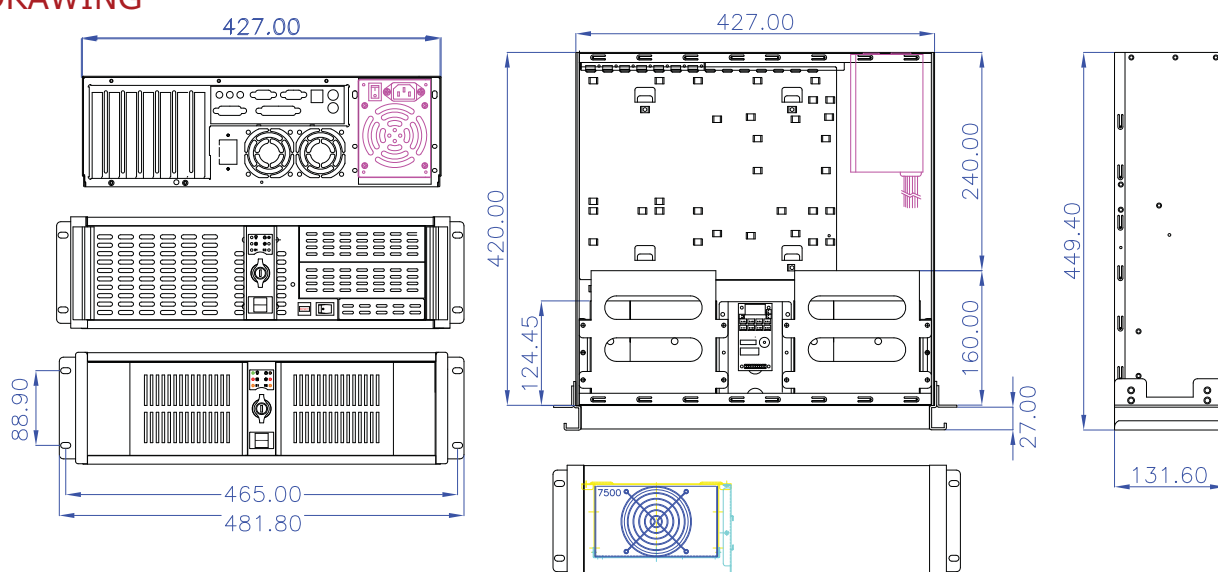
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional BPU-230 2 to 3 Hot-Swappable HDD Cage
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 60mm x 2 + 80mm x 1 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Short Ear-Handle



# D-300AS

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300AS</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 2 3.5" Drive: 1 3.5 Drive [internal]: 3	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 80mm, 1 x 60mm [1 x 60mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	Aluminum
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	Aluminum
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 17.5 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-20/24/26</b>	160	<b>DD-Fan60</b>	162
<b>BPU-230SATA</b>	154	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Product Description	Page
<b>TC-3U/30</b>	300W	300W 3U Switching Power Supply	224
<b>TC-3U/40</b>	400W	400W 3U Switching Power Supply	224
<b>TC-3U/46</b>	460W	460W 3U Switching Power Supply	224

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-300L

## 3U High Performance Rackmount Chassis

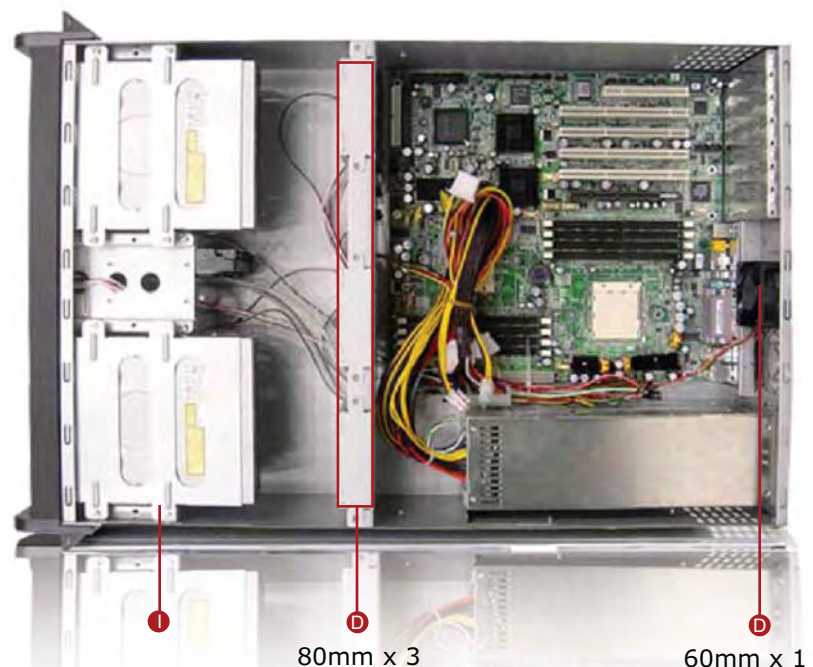


### INTRODUCTION

Introduce iStarUSA 3U industrial rackmount chassis D Storm D-300L. The full size back plane and width supports dual Intel and AMD CPU motherboard. It has excellent thermal solution with extra cooling fans. Optional 3.5 and 5.25 tray enable hot-swappable storage, raid configuration, and total storage capacity up to 6 storage drives provide your server or cluster maximum flexibility and performance.

### FEATURES

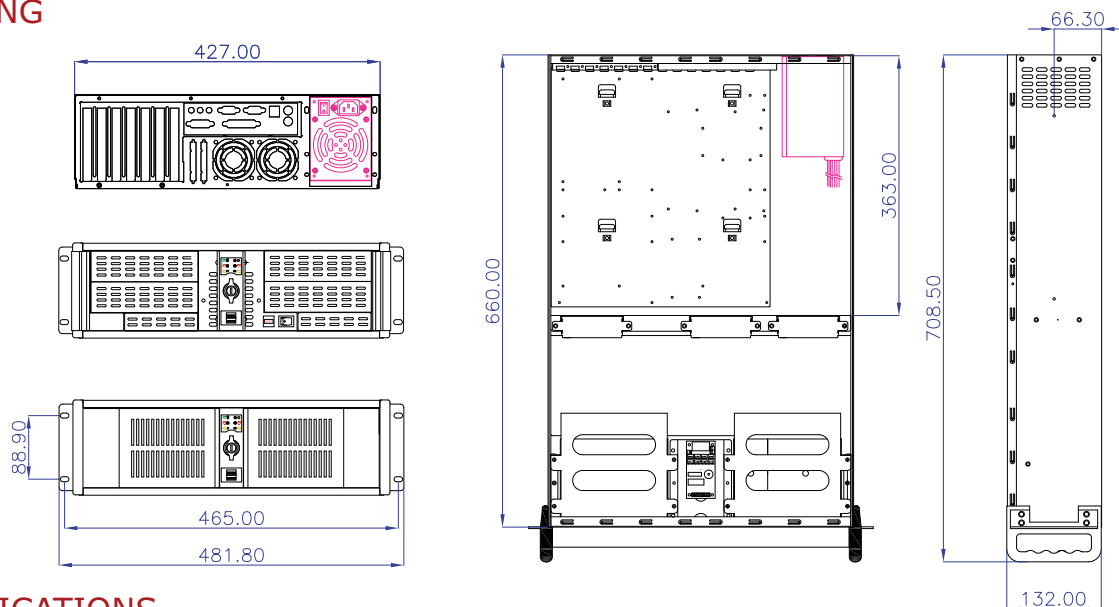
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional Front Mount Power Supply
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 60mm x 1, 80mm x 3 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Optional Hot-Swappable 5.25" Tray





# D-300L

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300L</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 2 3.5 Drive [internal]: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 60mm, 3 x 80mm [1 x 60]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [ Japan Made ]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24/26</b>	160	<b>DD-Fan60/80</b>	162-163
<b>BPU-230SATA</b>	154	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-3U/30</b>	300W	224	<b>TC-350R2U</b>	350W	214
<b>TC-3U/40</b>	400W	224	<b>TC-400R2U</b>	400W	214
<b>TC-3U/46</b>	460W	224	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-300L-FR

## 3U High Performance Rackmount Chassis

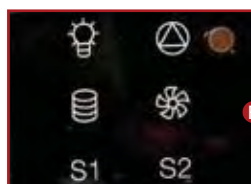


### INTRODUCTION

Introduce iStarUSA 3U industrial rackmount chassis D Storm D-300L-FR. The full size back plane and width supports dual Intel and AMD CPU motherboard. It has excellent thermal solution with extra cooling fans. Optional 3.5 and 5.25 tray enable hot-swappable storage, raid configuration, and total storage capacity up to 6 storage drives provide your server or cluster maximum flexibility and performance.

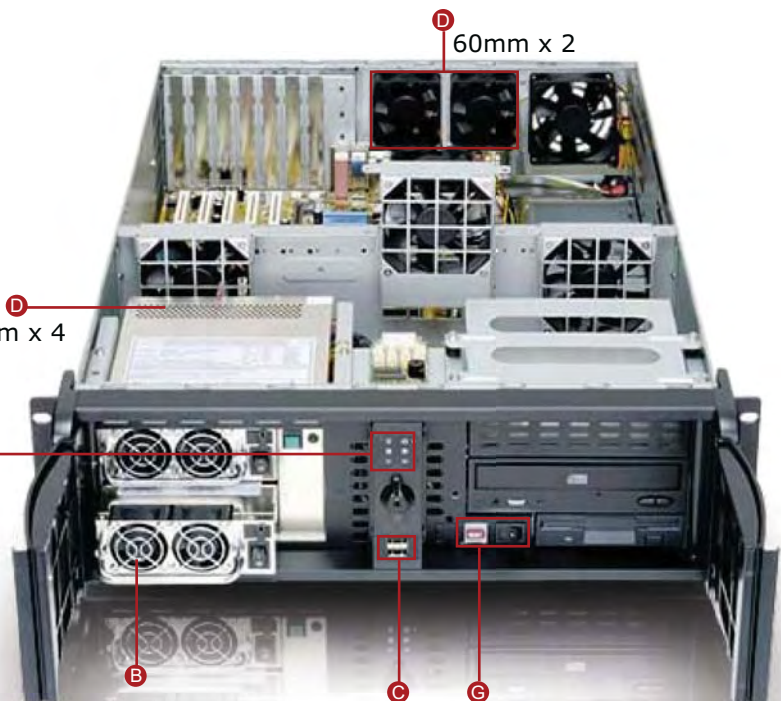
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Front Mount Power Supply
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 60mm x 2, 80mm x 4 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Optional Hot-Swappable 5.25" Tray



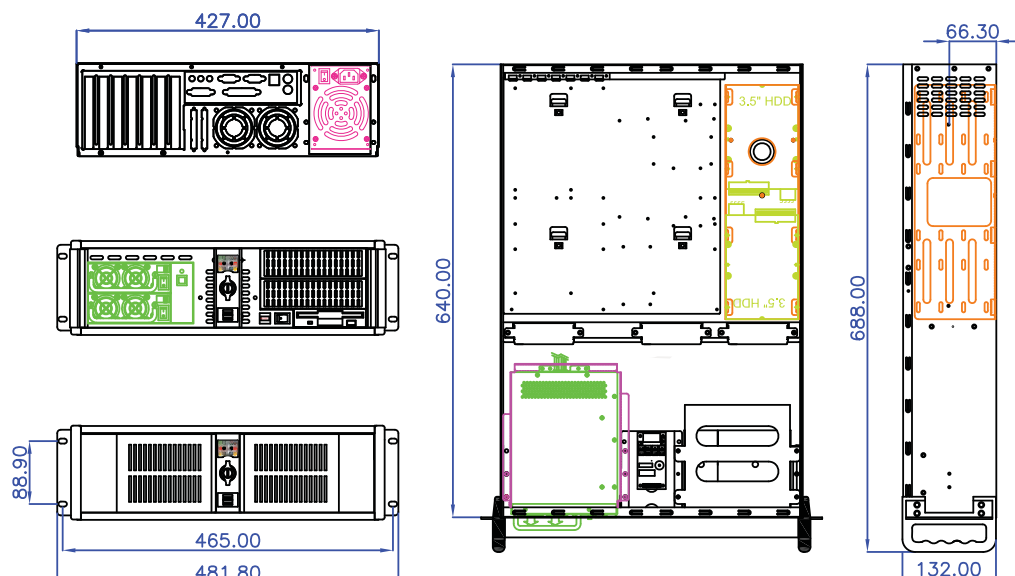
80mm x 4

60mm x 2



# D-300L-FR

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	D-300L-FR	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 2 3.5" Drive: 1 3.5 Drive [internal]: 10	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 60mm, 4 x 80mm [1 x 60]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [ Japan Made ]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-300-DR/DS/DBLue/DG	N/A
T-7	158	RP-HDD3.5	N/A
TC-Rail-24/26	160	DD-Fan60/80	162-163
BPU-230SATA	154	TC-iStorm 7/8	160

## POWER SUPPLY OPTIONS

Model Number	Output	Product Description	Page
TC-500R8A	500W	500W PS/2 Size Dual AC Mini Redundant Power Supply	210

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-300S5

## 3U Compact Stylish Rackmount Chassis

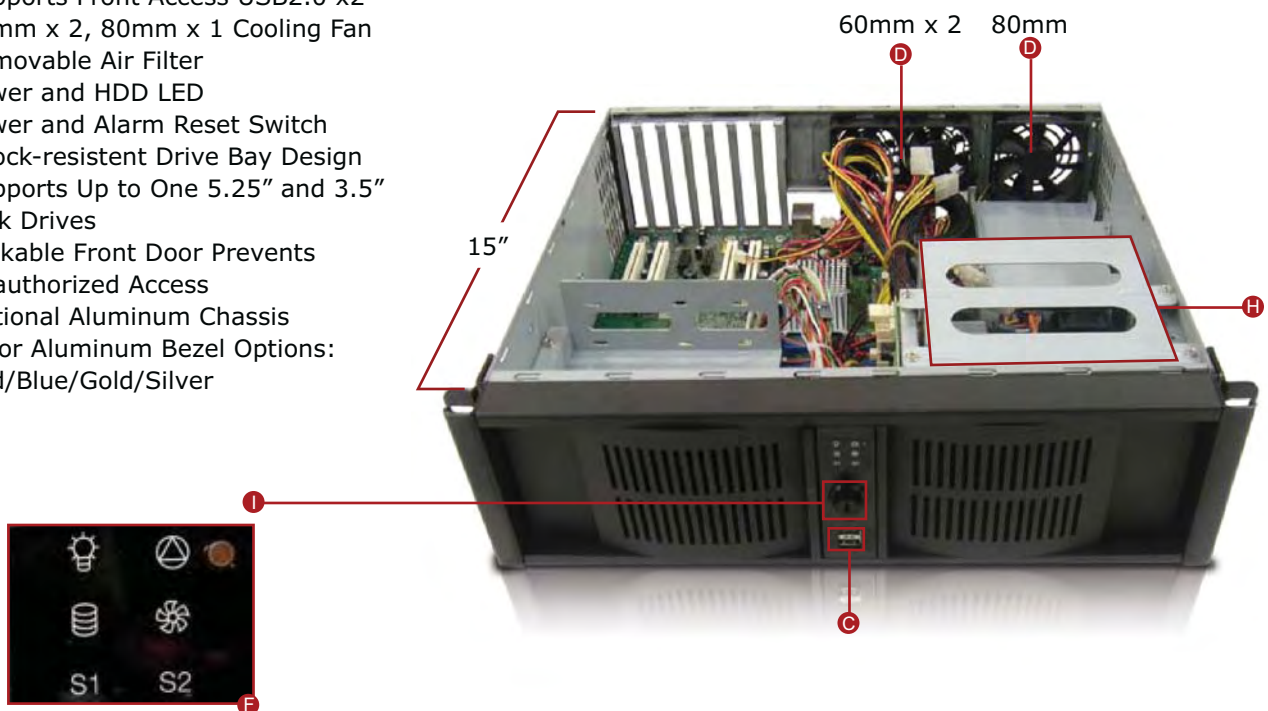


### INTRODUCTION

D-300S5 is a reliable and stable 3U-high 15" depth industrial computer chassis. The full size I/O supports all ATX motherboard with up to two processors. D-300S5 backplane supports 7 full-length add-on cards. This unit is ideal for data intensive business, multimedia, surveillance, Telecom, Military and Appliance Applications. Optional aluminum body reduces total chassis weight and also provides enhanced thermal cooling solution.

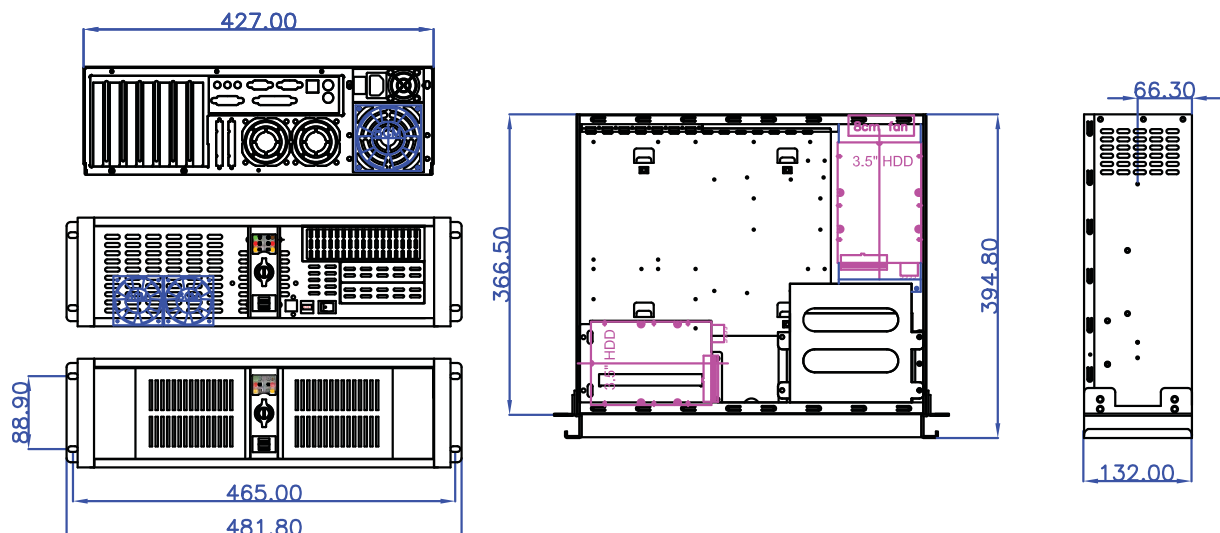
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 3U High 15" Depth Short For Applications of Industrial Computer Chassis
- Ⓒ Supports Front Access USB2.0 x2
- Ⓓ 60mm x 2, 80mm x 1 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Shock-resistant Drive Bay Design Supports Up to One 5.25" and 3.5" Disk Drives
- Ⓘ Lockable Front Door Prevents Unauthorized Access
- Ⓙ Optional Aluminum Chassis
- Ⓚ Color Aluminum Bezel Options: Red/Blue/Gold/Silver



# D-300S5

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300S5</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 1 3.5" Drive: 2 3.5" Drive [internal]: 3	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan</b>	2 x 60mm, 1 x 80mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [ Japan Made ]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 15 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	TC-Rail-24	160
RP-1URAISSER64B	10-11	TC-Rail-26	160
TC-Rail-20	160		

## POWER SUPPLY OPTIONS

Model Number	Output	Product Description	Page
CP-01025	250W	250W 1U Switching Power Supply	N/A
CP-01035	350W	350W 1U Switching Power Supply	N/A
CP-01040	400W	400W 1U Switching Power Supply	N/A

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-400

## 4U Compact Stylish Rackmount Chassis

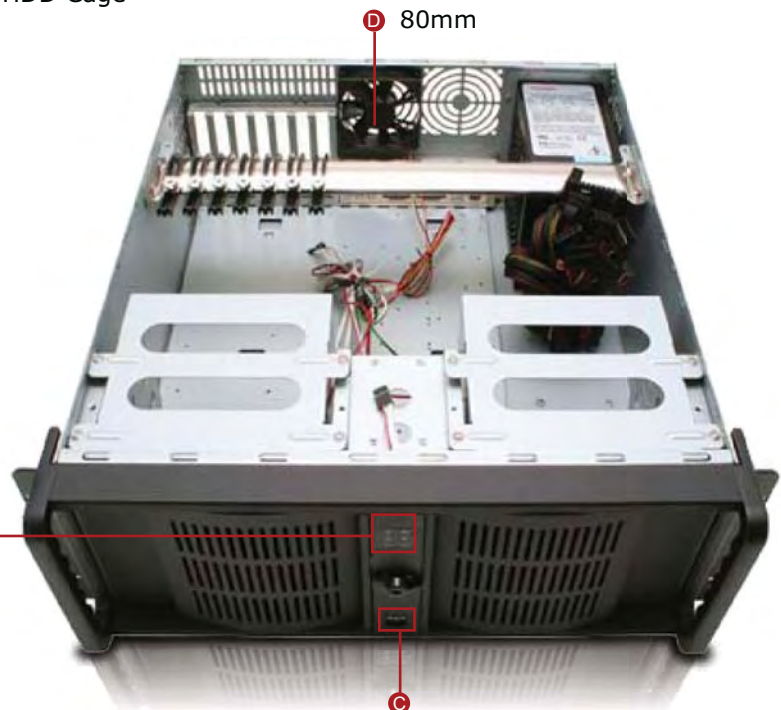


### INTRODUCTION

iStarUSA 4U industrial rackmount chassis D Storm D-400. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400 provides your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

### FEATURES

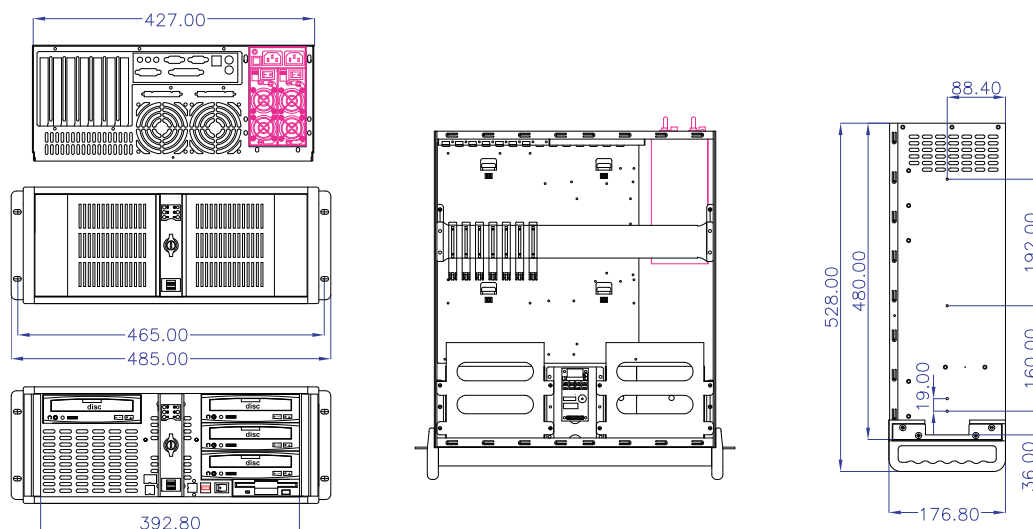
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional BPU-230 2 to 3 Hot-Swappable HDD Cage
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 120mm x 1, 80mm x 2 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Optional Aluminum Chassis





# D-400

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 1 3.5 Drive [internal]: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 120mm, 1 x 80mm [1 x 80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [ Japan Made ]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24/26</b>	160	<b>DD-Fan 80</b>	163
<b>BPU-230SATA/340SATA</b>	154/155	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210			
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-400-6

## 4U Compact Stylish Rackmount Chassis

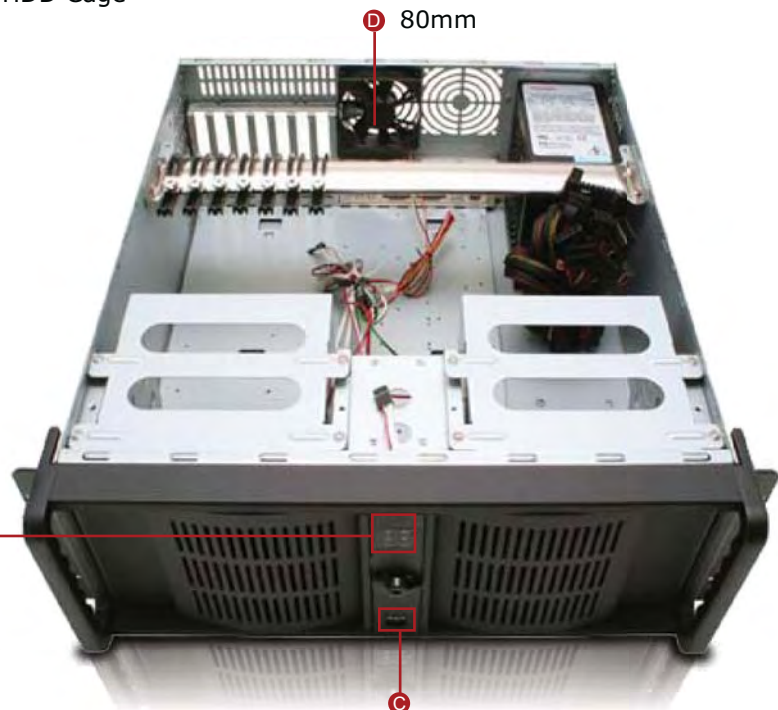
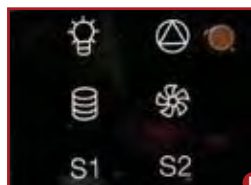


### INTRODUCTION

iStarUSA 4U industrial rackmount chassis D Storm D-400-6. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400-6 provides your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

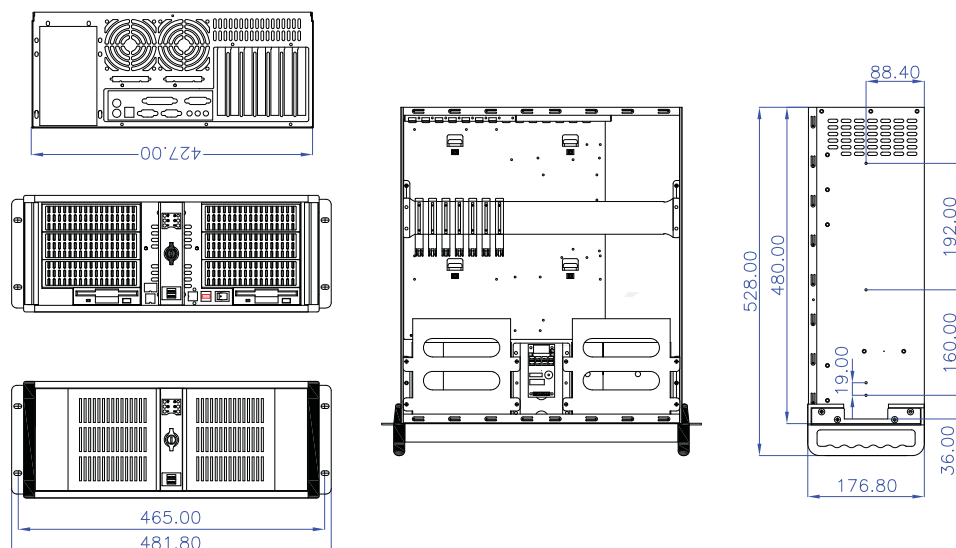
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional BPU-230 2 to 3 Hot-Swappable HDD Cage
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 2 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Optional Aluminum Chassis



# D-400-6

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-6</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 6 3.5" Drive: 2 3.5 Drive [internal]: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 80mm, [1 x 80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [ Japan Made ]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24/26</b>	160	<b>DD-Fan 80</b>	163
<b>BPU-230SATA/340SATA</b>	154/155	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210			
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007





# D-400A

## 4U Compact Stylish Aluminum Rackmount Chassis

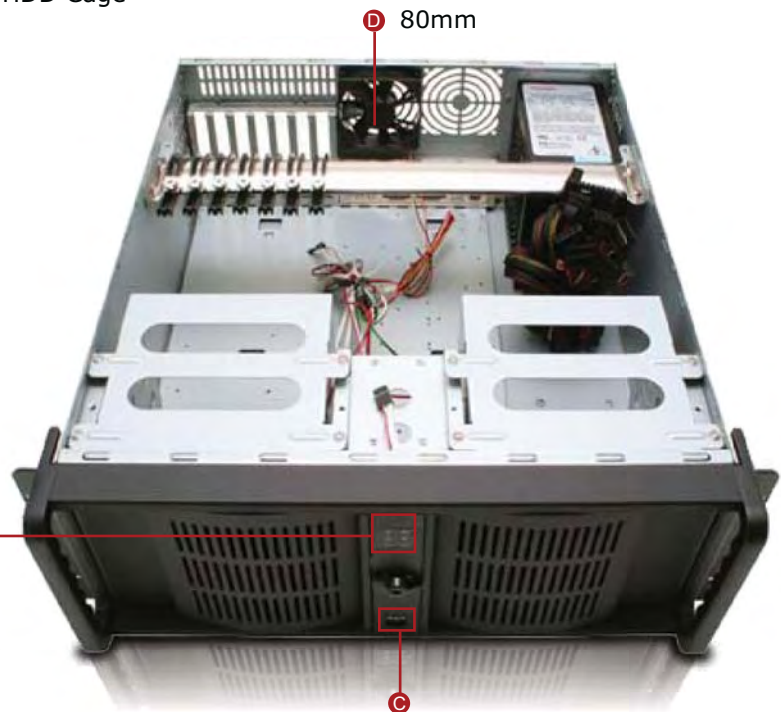
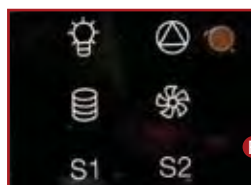


### INTRODUCTION

iStarUSA 4U aluminum rackmount chassis D Storm D-400A. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400A provides your server or cluster maximum reliability and performance. Standard Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

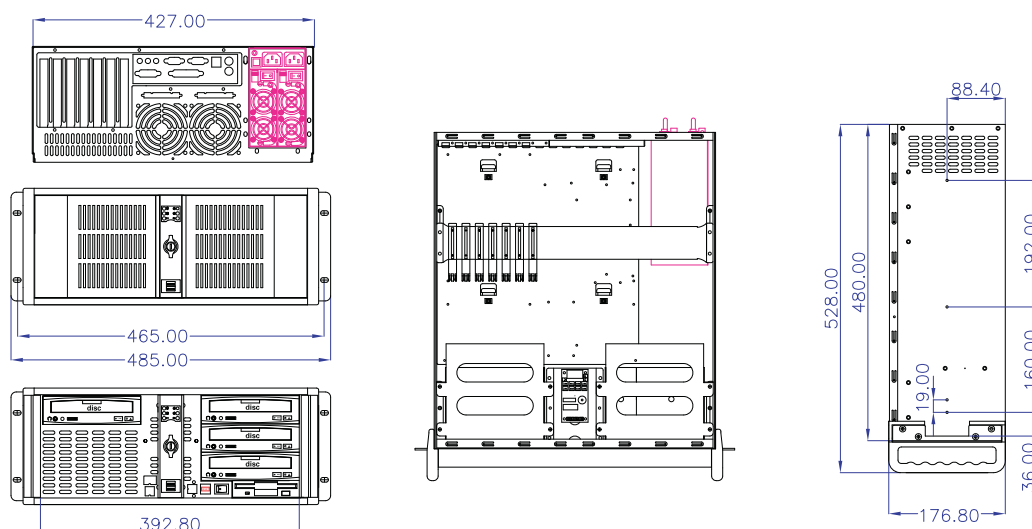
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional BPU-230 2 to 3 Hot-Swappable HDD Cage
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 120mm x 1, 80mm x 2 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Aluminum Chassis



# D-400A

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400A</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 1 3.5 Drive [internal]: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x120mm, 1 x80mm [1 x 80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	Aluminum
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	Aluminum
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-400-DR/DS/DBlue/DG	N/A
T-7	158	RP-HDD3.5	N/A
TC-Rail-20/24/26	160	DD-Fan 80	163
BPU-230SATA/340SATA	154/155	TC-iStorm 7/8	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
TC-300/400R8	300/400W	208	TC-600/650/700/750PD2	600/650/700/750W	234
TC-300/400/500R8A	300/400/500W	210			
TC-350/400/500PD1	350/400/500W	230			
TC-600/700R3N	600/700W	212			
TC-580/620PD3	580/620W	232			

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:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-400A-6

## 4U Compact Stylish Aluminum Rackmount Chassis

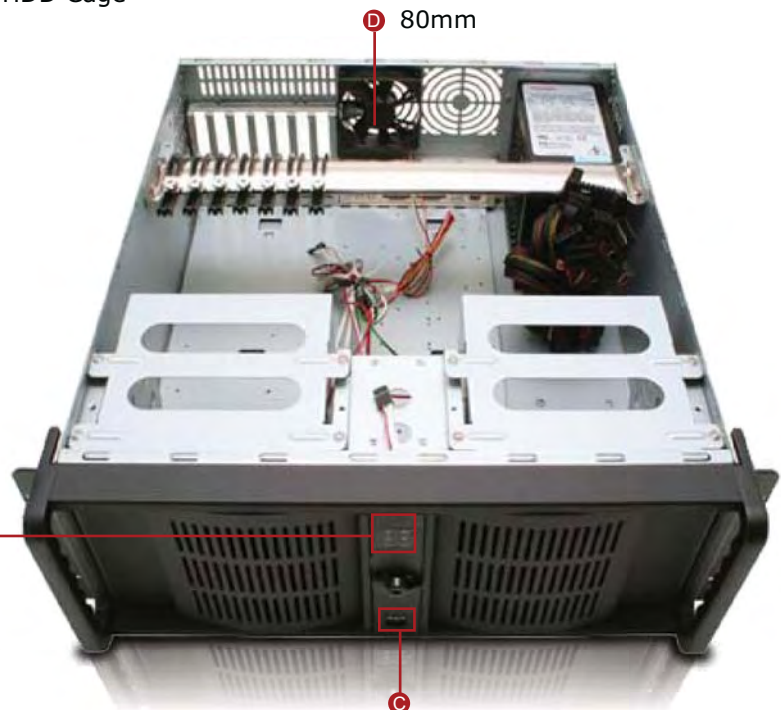
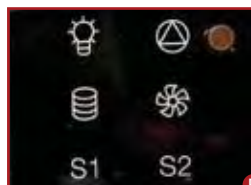


### INTRODUCTION

iStarUSA 4U industrial rackmount chassis D Storm D-400A-6. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400A-6 provide your server or cluster maximum reliability and performance. Standard Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

### FEATURES

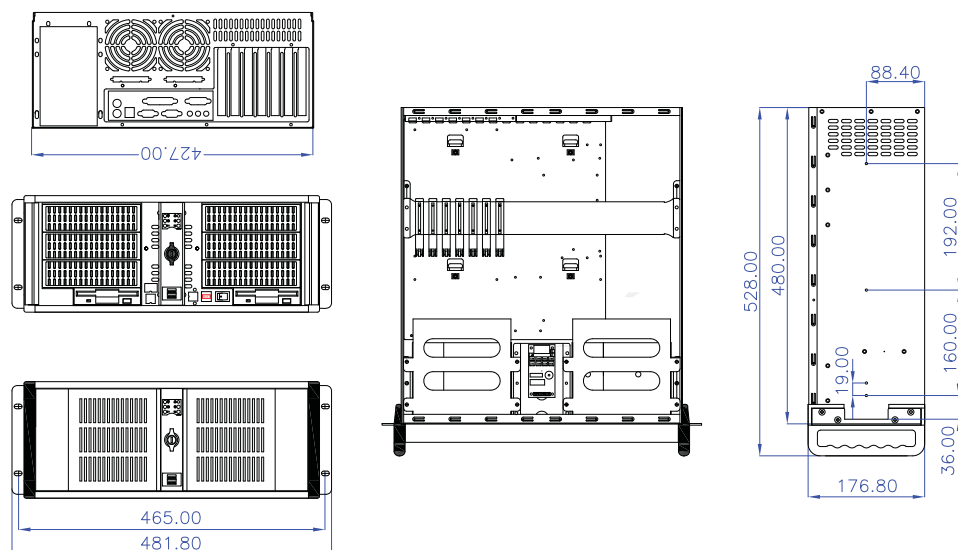
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional BPU-230 2 to 3 Hot-Swappable HDD Cage
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 2 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Standard Aluminum Chassis





# D-400A-6

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400A-6</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 6 3.5" Drive: 2 3.5 Drive [internal]: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	80mm x 1 [80mm x 1]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	Aluminum
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	Aluminum
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-20/24/26</b>	160	<b>DD-Fan 80</b>	163
<b>BPU-230SATA/340SATA</b>	154/155	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210			
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-400L-7

## 4U High Performance Rackmount Chassis

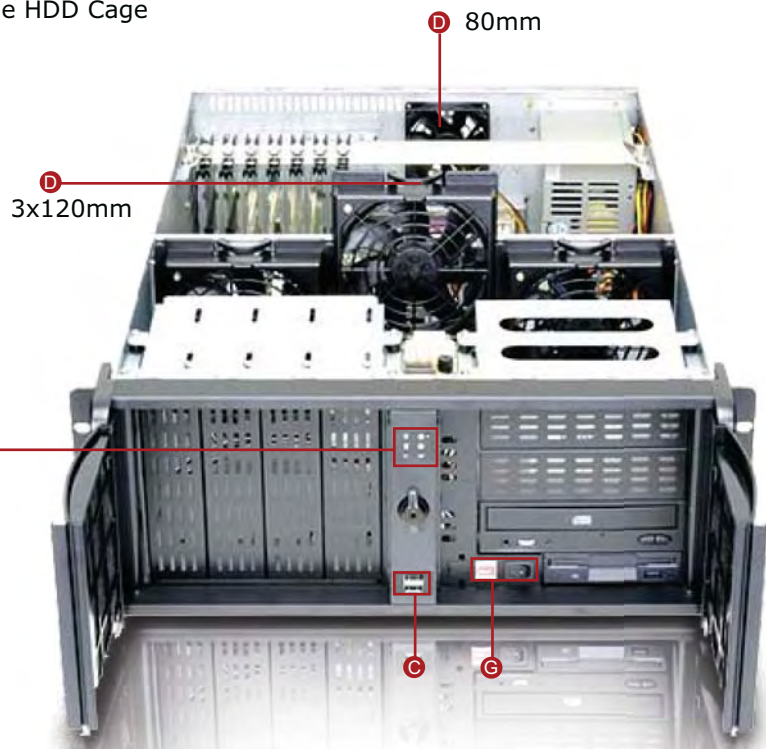
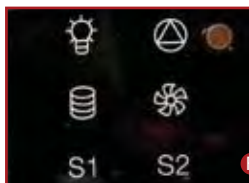


### INTRODUCTION

iStarUSA 4U industrial rackmount chassis D Storm D-400L-7. Combine with BPU or T Series enable hot-swappable 1/0/1+0/5 Raid storage capability. It also supports up to seven full-length full-height add-on cards. Total capacity up to 10 storage drives for high density data storage. Center hot-swappable 120mm fan provides excellent thermal cooling solution. Achieve ultimate uninterrupted operation with support of iStarUSA redundant power supply. D-400L-7 provides your server or cluster maximum flexibility and performance.

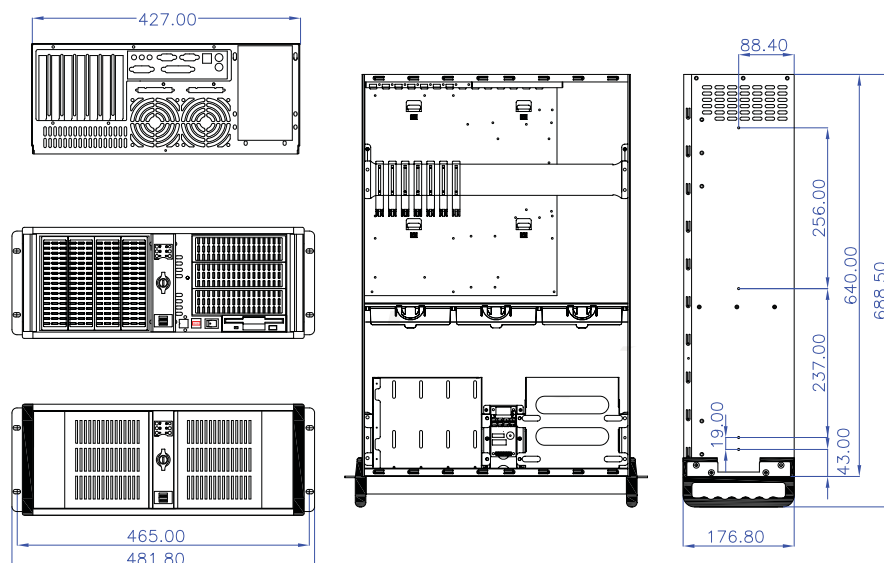
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional BPU-230 2 to 3 Hot-Swappable HDD Cage
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 120mm x 3, 80mm x 2 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield
- Ⓘ Optional Aluminum Chassis



# D-400L-7

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400L-7</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 7 3.5" Drive: 1 3.5 Drive [internal]: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	3 x 120mm, 1 x 80mm [1 x 80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-400-DR/DS/DBLue/DG	N/A
T-7	158	RP-HDD3.5	N/A
TC-Rail-24/26	160	DD-Fan 80	163
BPU-230SATA/340SATA	154/155	TC-iStorm 7/8	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
TC-300/400R8	300/400W	208	TC-600/650/700/750PD2	600/650/700/750W	234
TC-300/400/500R8A	300/400/500W	210			
TC-350/400/500PD1	350/400/500W	230			
TC-600/700R3N	600/700W	212			
TC-580/620PD3	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-400-PTS8

4U Rackmount Chassis with 8" Touch Screen LCD



## ■ INTRODUCTION

Introducing the new D-400-PTS8 from our well-praised D-Storm rackmount chassis. Custom built-in 8" touch screen LCD enables instant system control and configuration. Three 5.25" and two 3.5" drive bay space, and ultra-quiet power supply option most suitable for DVR, telecom, and audio recording applications. Ask for our OEM/ODM project special!

## ■ FEATURES

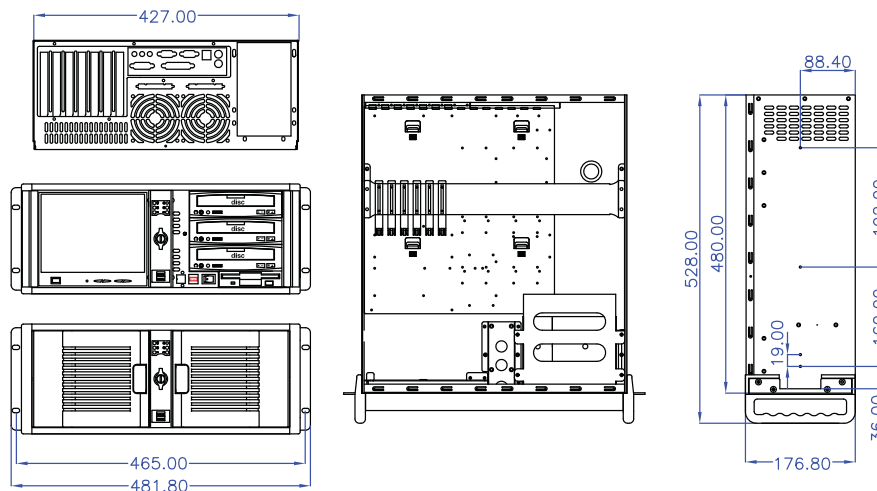
- Ⓐ Built-in 8" Touch Screen LCD
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 80mm x 2 Cooling Fan
- Ⓓ Removable Air Filter
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch
- Ⓖ Optional Aluminum Front Door
- Ⓗ Optional Quiet Power Supply

Ⓓ  
2x80mm



# D-400-PTS8

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-PTS8</b>	<b>Expansion Slots</b>	Standard: 3xPCI 32bit Optional: 1 x AGP, 2 x PCI
<b>RoHS Compliance Version</b>	Yes	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Standard Drive Bays</b>	5.25" Drive: 3 3.5" Drive: 1 3.5 Drive [internal]: 1	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Cooling Fan [Option]</b>	1 x80mm [1 x 80mm]	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 10	<b>Display</b>	8" [163 x 123mm]
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Element</b>	Color TFT/LCD Hi Resolution
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Resolution Capabilities</b>	800 x 600 (480,000 dots)
<b>Air Filter</b>	Removable & Washable	<b>Video Input</b>	1Vp-p 75 Ohms
<b>Security</b>	Front Bezel	<b>Audio Input</b>	2Vp-p 2 Ohms
<b>Speaker</b>	0.4W Built-In	<b>Color of Front Bezel</b>	Black
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBlue/DG</b>	N/A
<b>T-7-SA</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-20/24/26</b>	160	<b>DD-Fan 80</b>	163
<b>BPU-230SATA/340SATA</b>	154/155	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210			
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-300L-B6SA

3U High Performance Rackmount Chassis

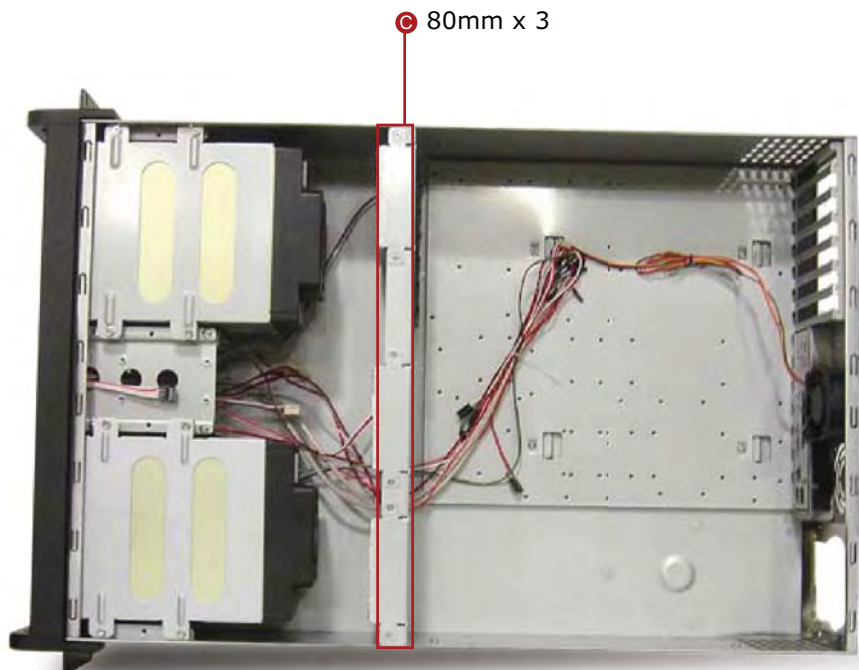


## INTRODUCTION

Introduce iStarUSA 3U industrial rackmount chassis D Storm D-300L-B6SA. The full size back plane and width support dual Intel and AMD CPU motherboard. It has excellent thermal solution with extra cooling fans. It also enables hot-swappable storage, raid configuration, and total storage capacity up to 6 storage drives provide your server or cluster maximum flexibility and performance.

## FEATURES

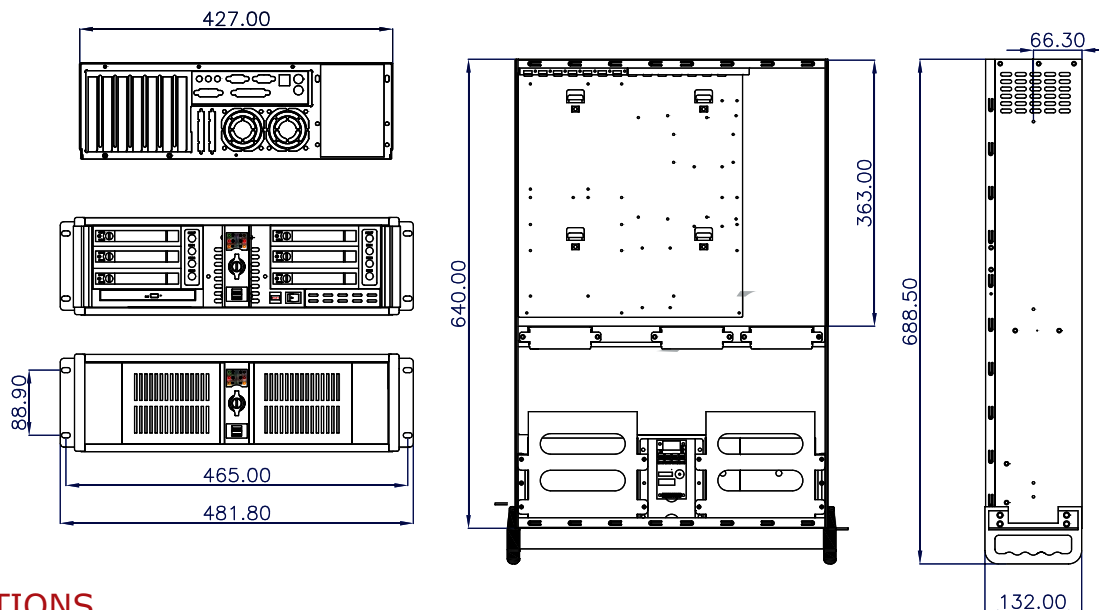
- Ⓐ Patented Aluminum Front Panel with Locks,Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 60mm x 2, 80mm x 3 Cooling Fan
- Ⓓ Removable Air Filter
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch
- Ⓖ Standard I/O Shield





# D-300L-B6SA

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300L-B6SA</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	Hot-Swap Drive: 6 Slim CD Drive: 1 3.5" Drive: 1 3.5 Drive [internal]: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	3 x 80mm, 1 x 60mm [1 x 60mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Product Description	Page
<b>DD-300-DR/DS/DBlue/DG</b>	Aluminum Red/Silver/Blue/Gold Color Door	N/A
<b>DD-Fan60</b>	60mm Ball Bearing Fan	162
<b>DD-Fan 80</b>	80mm Ball Bearing Fan	163
<b>TC-Rail-24/26</b>	24"/26" Sliding Rail Kit for Most Rackmount Chassis	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-3U/30</b>	300W	224	<b>TC-350R2U</b>	350W	214
<b>TC-3U/40</b>	400W	224	<b>TC-400R2U</b>	400W	214
<b>TC-3U/46</b>	460W	224	<b>TC-500S2U</b>	500W	216
			<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice

:: Limited Life Time Warranty

:: Last Update: Oct/2007



# D-400-B10SA

## 4U Compact Stylish Rackmount Chassis

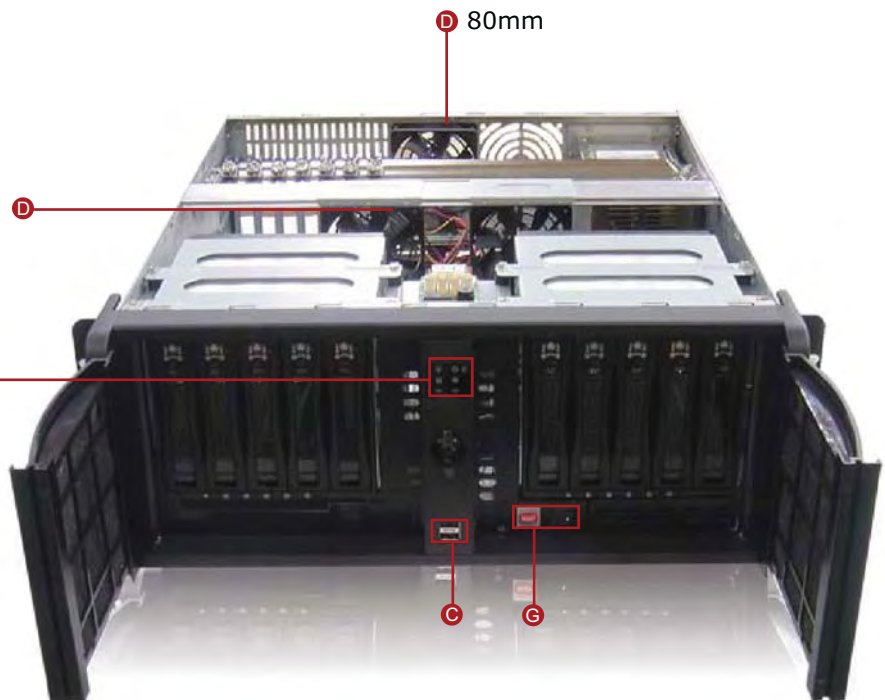
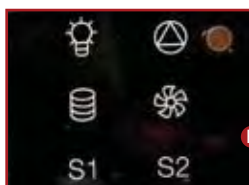


### INTRODUCTION

iStarUSA 4U industrial rackmount chassis D Storm D-400-B10SA. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400-B10SA provides your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

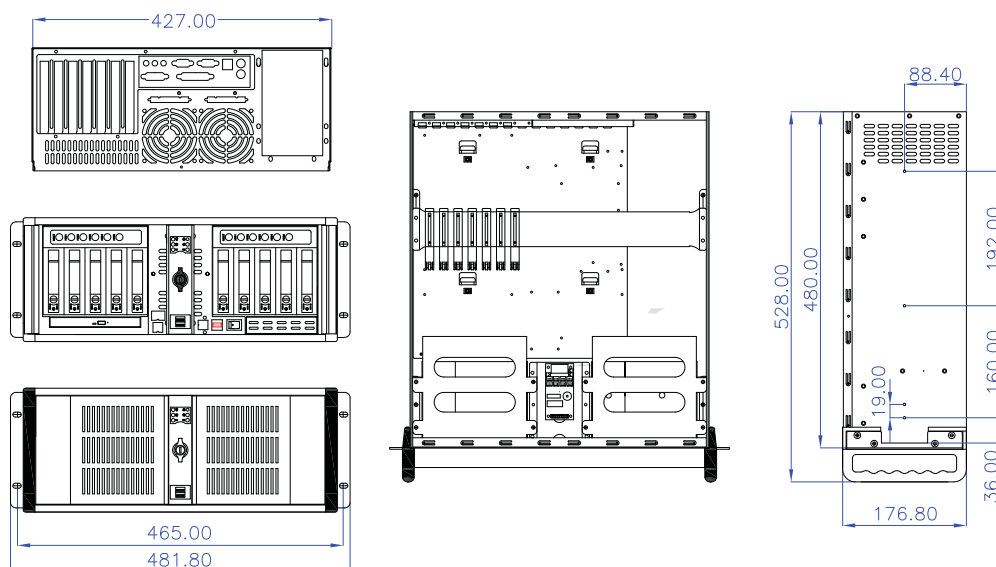
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional Aluminum Chassis
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 2 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield



# D-400-B10SA

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-B10SA</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	Hot-Swap Drive: 10 Slim CD Drive: 1 3.5" Drive: 1 3.5 Drive [internal]: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 80mm [1 x 80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
		<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Product Description	Page
<b>DD-400-DR/DS/DBlue/DG</b>	Aluminum Red/Silver/Blue/Gold Color Door	N/A
<b>DD-Fan80</b>	80mm Ball Bearing Fan	163
<b>TC-Rail-20/24/26</b>	20"/24"/26" Sliding Rail Kit for Most Rackmount Chassis	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210			
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-400-B8SA

## 4U Compact Stylish Rackmount Chassis

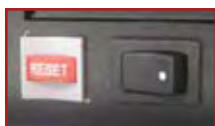


### INTRODUCTION

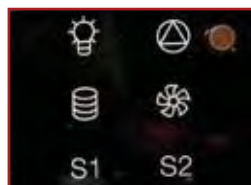
iStarUSA 4U industrial rackmount chassis D Storm D-400-B8SA. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400-B8SA provide your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

### FEATURES

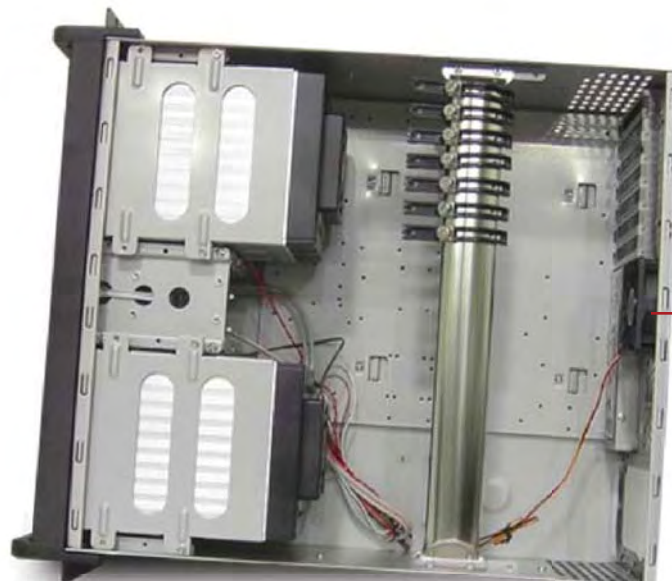
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional Aluminum Chassis
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 2 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ Standard I/O Shield



C



F

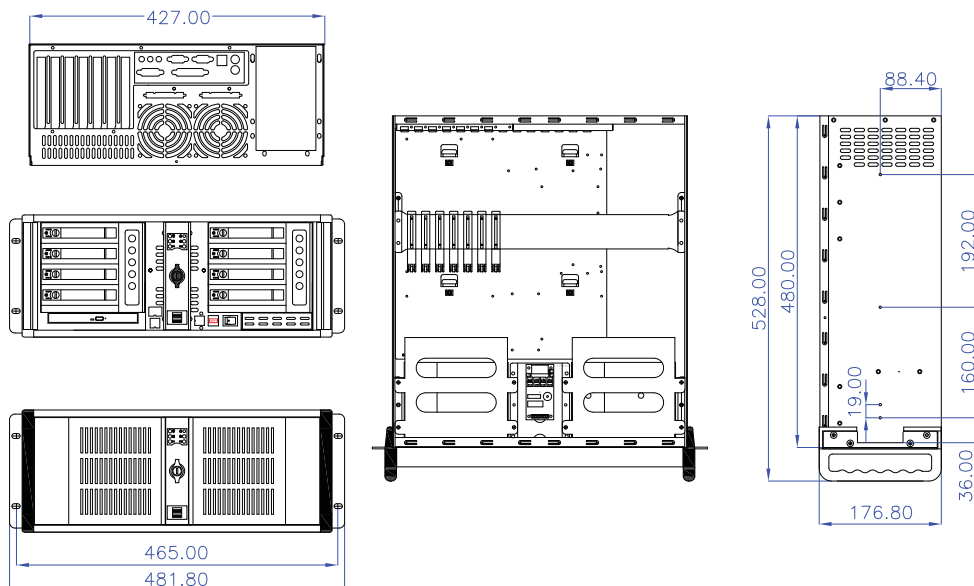


80mm

D

# D-400-B8SA

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-B8SA</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	Hot-Swap Drive: 8 Slim CD Drive: 1 3.5" Drive: 1 3.5 Drive [internal]: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 80mm [1 x 80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
		<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Product Description	Page
<b>DD-400-DR/DS/DBlue/DG</b>	Aluminum Red/Silver/Blue/Gold Color Door	N/A
<b>DD-Fan80</b>	80mm Ball Bearing Fan	163
<b>TC-Rail-20/24/26</b>	20"/24"/26" Sliding Rail Kit for Most Rackmount Chassis	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210			
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-400-JB

## 4U Disk Array Storage Rackmount Chassis

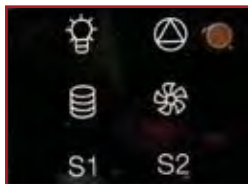


### INTRODUCTION

iStarUSA 4U rackmount disk array storage chassis D Storm D-400-JB. Combine with BPU or T Series enable hot-swappable storage capability. It has total storage capacity up to 3.5" x 12 or 2.5" x 36 HDD drives for 1/0/5/6/JBOD RAID configuration. Ball bearing 120mm and 80mm fan offer long lasting and enhanced thermal cooling solution. D-400-JB provide your server or cluster maximum storage and compatibility to high density Raid storage chassis.

### FEATURES

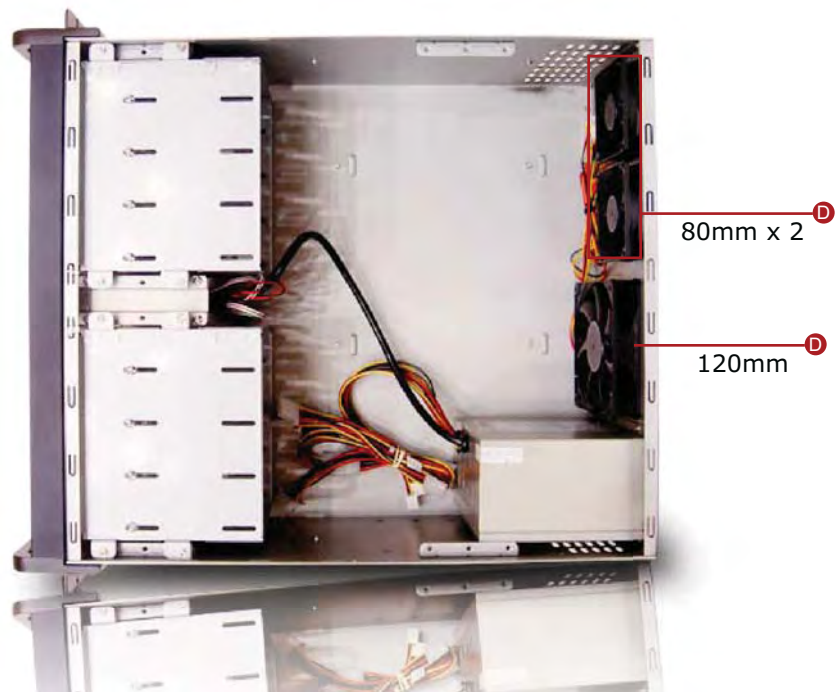
- A Patented Aluminum Front Panel with Locks,Taiwan: 200281 / 190240 , China: 2L01259648.5
- B Custom Backplane Cutouts
- C Optional 2 to 3, 3 to 4 Hot-Swappable 5.25 HDD Cage
- D 80mm x 2, 120mm x 1 Cooling Fan
- E Removable Air Filter
- F Power and HDD LED
- G Power and Alarm Reset Switch
- H Optional Hot-Swappable 5.25" Tray



F



B



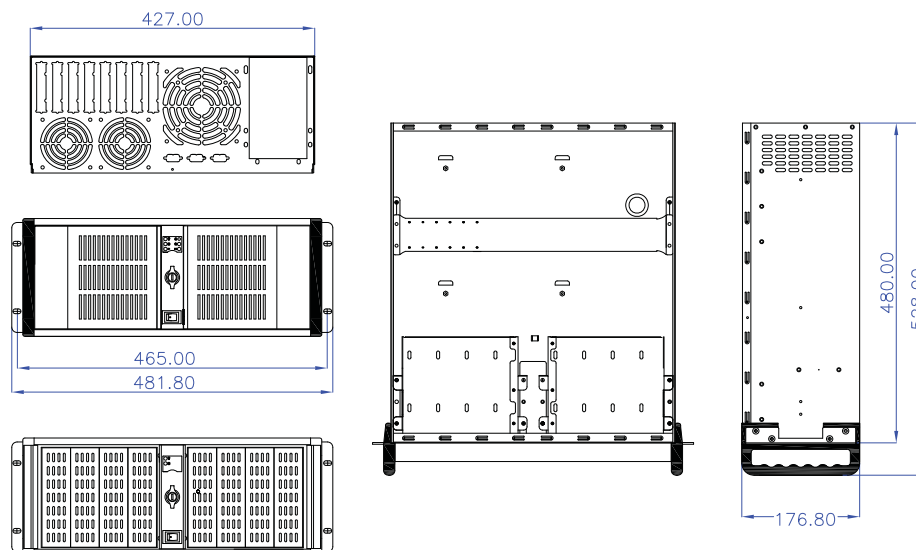
80mm x 2

120mm



# D-400-JB

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-JB</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" x 8	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 120mm, 2 x 80mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	N/A	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-20/24/26</b>	160	<b>DD-Fan 80</b>	163
<b>BPU-230SATA/340SATA</b>	154/155	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-300R8-Raid</b>	300W	N/A
<b>TC-400R8-Raid</b>	400W	N/A
<b>TC-500R8A-Raid</b>	500W	236
<b>TC-600R3N</b>	600W	212
<b>TC-700R3N</b>	700W	212

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-300-MUSIC

## 3U Silent Rackmount Chassis

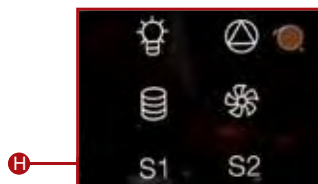


### INTRODUCTION

Silence is golden. iStarUSA understands that during audio recording or video editing too much noise add more stress to already nerve-racking tasks. iStarUSA has customized rackmount chassis and components such as quiet power supplies, low-noise system fans, sound absorb foams, and anti-vibration pads. These accessories can reduce unwanted sound and background noise down to 24~28 dB. We also see the need of lightweight and space saving chassis for DJs and music artists for compact studio space and touring on the go. D-300-MUSIC backplane supports 7 full-length add-on cards.

### FEATURES

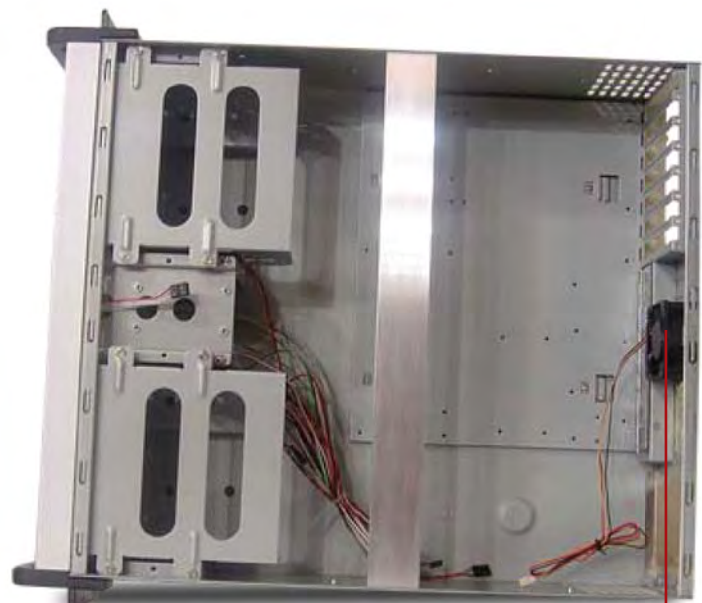
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Optional Aluminum Body Chassis
- Ⓒ Included with DIY-OA02 Anti-Static Computer Gloves
- Ⓓ Included with DIY-KM319 PC Anti-Vibration Kit
- Ⓔ Front Access USB2.0 x 2
- Ⓕ 60mm x 1 Cooling Fan
- Ⓖ Removable Air Filter
- Ⓗ Power and HDD LED
- Ⓘ Power and Alarm Reset Switch



DIY-KM319



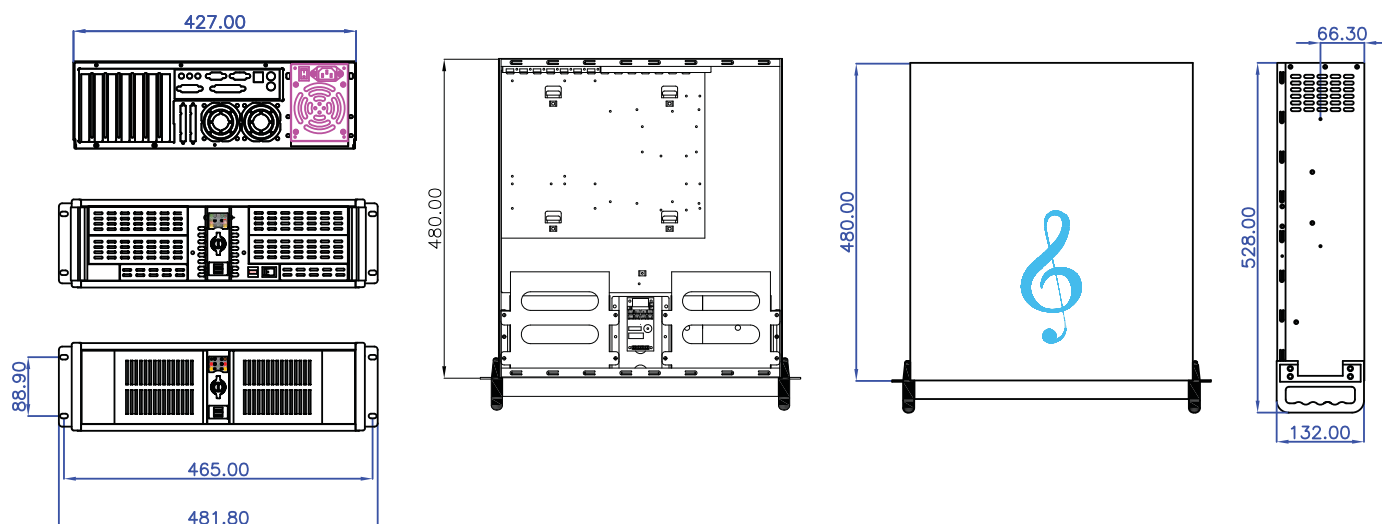
DIY-OA02



Ⓕ

# D-300-MUSIC

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300-MUSIC</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 2 3.5 Drive [internal]: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 60mm [3 x 60mm, 1 x 60mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	White
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-300-DR/DS/DBlue/DG	N/A
T-7	158	RP-HDD3.5	N/A
TC-Rail-20/24/26	160	DD-Fan60/80	162-163
BPU-230SATA	154	TC-iStorm 7/8	160

## POWER SUPPLY OPTIONS

Model Number	Output	Product Description	Page	:: Specification and wiring diagram subject to change without notice :: Limited Life Time Warranty :: Last Update: Oct/2007
TC-3U/30-Q	300W	300W 3U Quiet Series Switching Power Supply	N/A	
TC-3U/40-Q	400W	400W 3U Quiet Series Switching Power Supply	N/A	
TC-3U/46-Q	460W	460W 3U Quiet Series Switching Power Supply	N/A	





# D-206

## 2U 6 Slots Industrial PC Rackmount Chassis

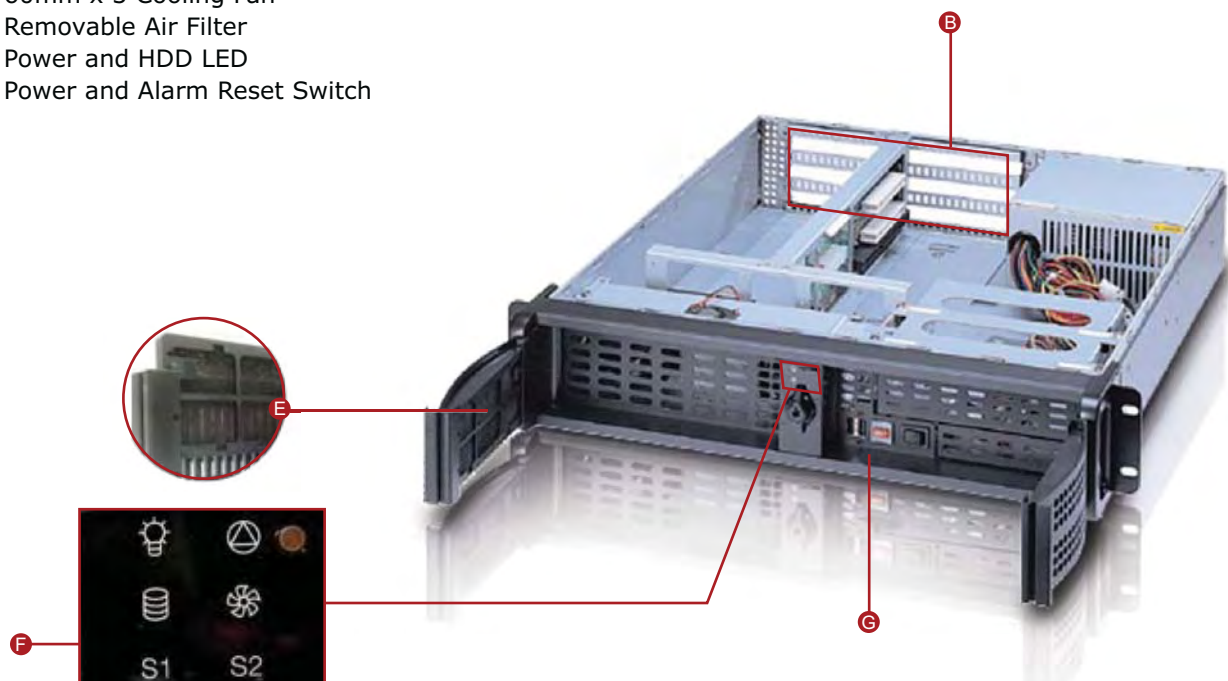


### INTRODUCTION

iStarUSA 2U D-Storm D-206 industrial rackmount chassis. The special 6 butterfly slots support CompactPCI, PCI, PICMG, and ISA backplanes. Optional 3.5 and 5.25 tray enable hot-swappable storage, raid configuration, and redundant power supplies. From telecommunication to automation control system, D-206 is the most compact industrial rackmount chassis.

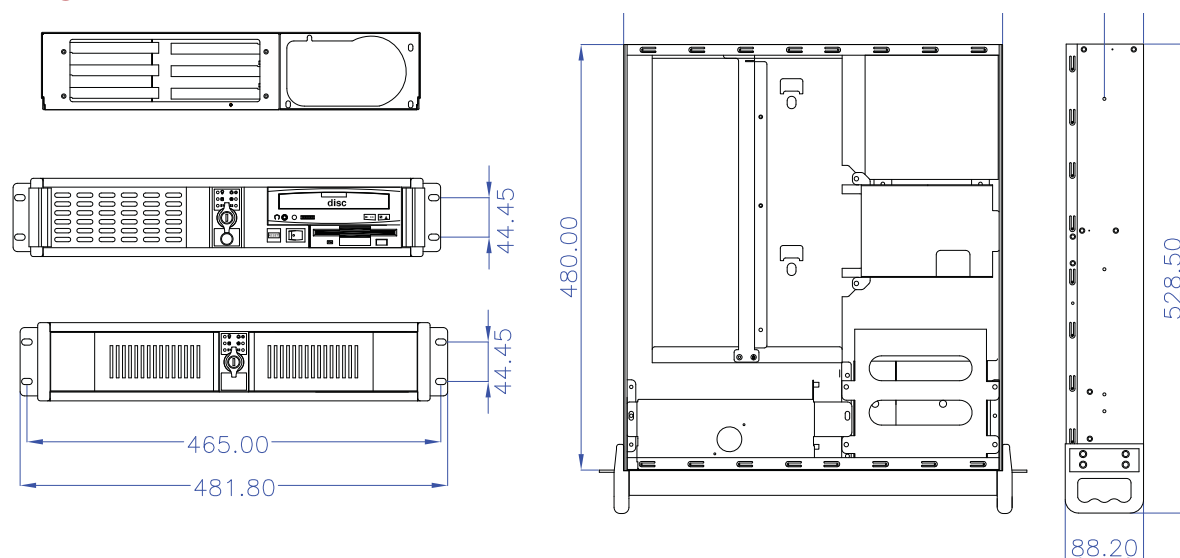
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 6 Slot Butterfly Backplane
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 60mm x 3 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch



## D-206

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-206</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 1 3.5" Drive: 1 3.5 Drive [internal]: 1	<b>Backplane</b>	6 Slots
<b>Cooling Fan [Option]</b>	2 x 60mm [1 x 60mm]	<b>Air Filter</b>	Removable & Washable
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
		<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBLue/DG</b>	N/A
<b>TC-Rail-20</b>	160	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24</b>	160	<b>T-7</b>	158
<b>TC-Rail-26</b>	160	<b>TC-iStorm 8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-414

## 4U 14 Slots Industrial PC Rackmount Chassis



### INTRODUCTION

The iStarUSA popular industrial computing chassis D-414 is a full size 4U chassis with 14 slot backplane support full-length and full-heights add-on cards. In application of data acquisition, automation, calculation and analysis are the most important elements in industrial computing; D-414 can provide much flexibility and compatibility to ensure continuous operation and expandability for future upgrades.

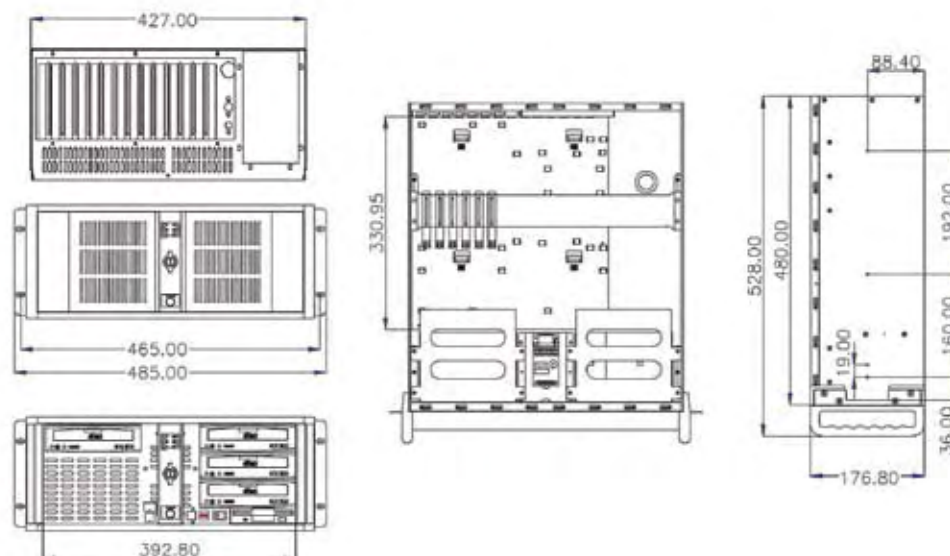
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks,Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 14 Slot Butterfly Backplane
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 120mm x 1 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch



## D-414

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-414</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 1 3.5 Drive [internal]: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan</b>	1 x 120mm	<b>Backplane</b>	14 Slots
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
		<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-400-DR/DS/DBLue/DG	N/A
T-7	158	RP-HDD3.5	N/A
TC-Rail-20/24/26	160	DD-Fan80	163
BPU-230SATA/340SATA	154/155	TC-iStorm 7/8	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
TC-300/400R8	300/400W	208	TC-600/650/700/750PD2	600/650/700/750W	234
TC-300/400/500R8A	300/400/500W	210			
TC-350/400/500PD1	350/400/500W	230			
TC-600/700R3N	600/700W	212			
TC-580/620PD3	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-414L-7

## 4U 14 Slots Industrial PC Rackmount Chassis

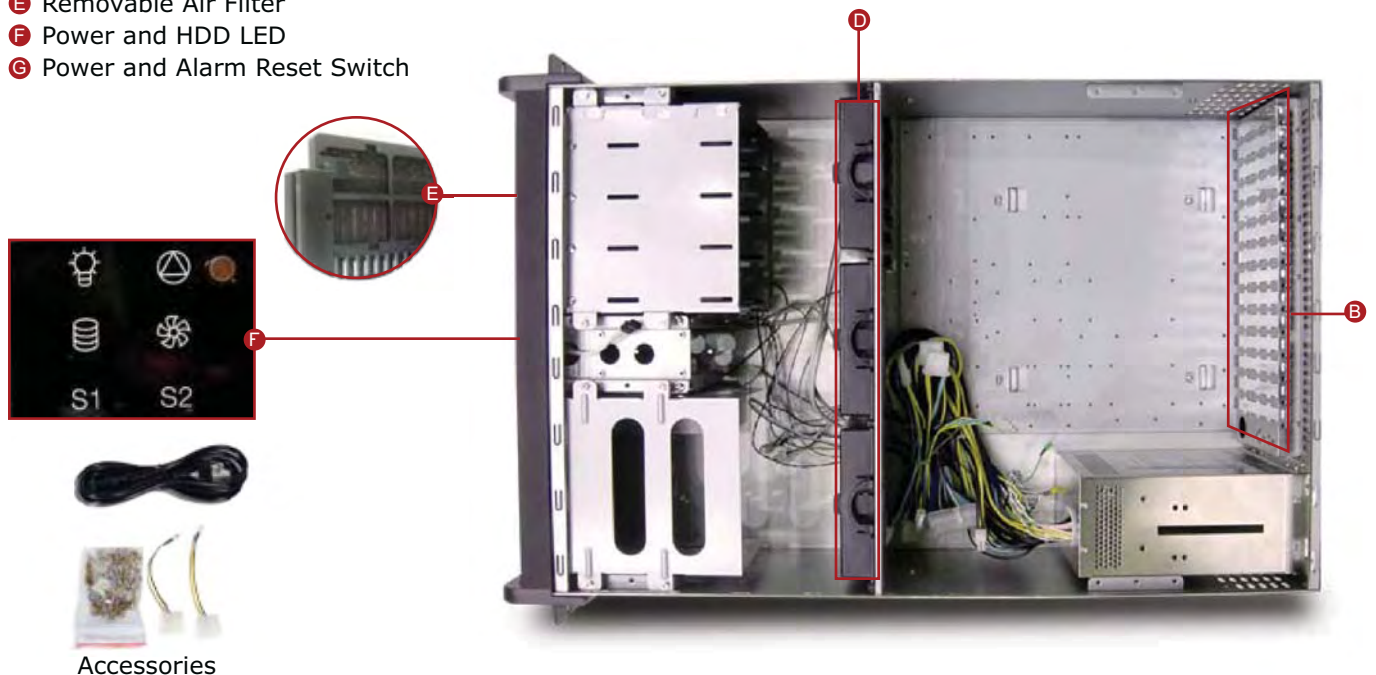


### INTRODUCTION

The iStarUSA industrial computing chassis D-414L-7, 4U chassis with 14 slot backplane support all size standard add-on cards. D-414L-7 has exceptional thermal cooling system with 3x120mm hot-swappable system fans. Ideal solution for telecommunication, industrial automation, control system, and data requisition application. Additional storage with support of BPU series HDD converter cage to mange large data files and improves transfer bandwidth.

### FEATURES

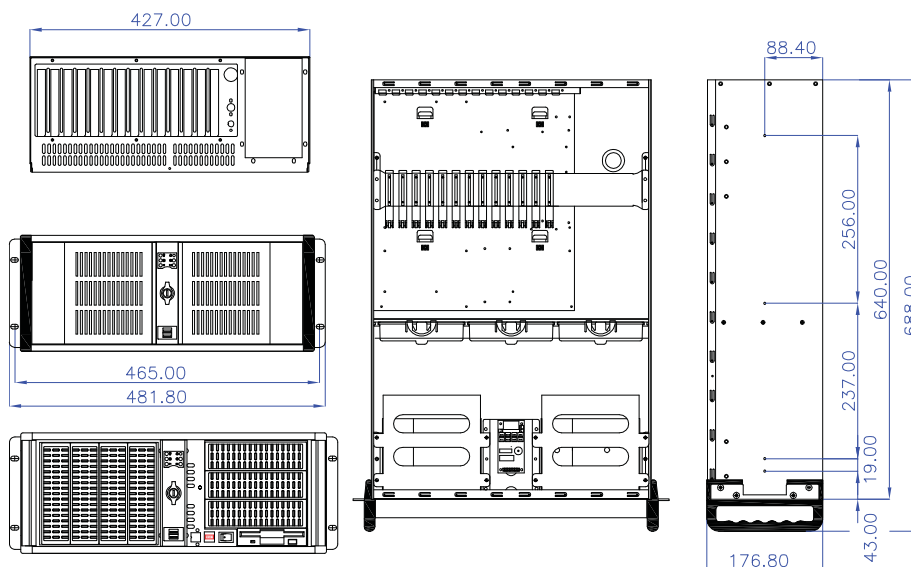
- Ⓐ Patented Aluminum Front Panel with Locks,Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 14 Slot Butterfly Backplane
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 120mm x 3 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch



Accessories

# D-414L-7

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-414L-7</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 7 3.5" Drive: 1 3.5 Drive [internal]: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan</b>	3 x 120mm	<b>Backplane</b>	14 Slots
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
		<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24/26</b>	160	<b>DD-Fan80</b>	163
<b>BPU-230SATA/340SATA</b>	154/155	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-350PD1</b>	350W	230
<b>TC-400PD1</b>	400W	230
<b>TC-500PD1</b>	500W	230

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-420L

## 4U 20 Slots Industrial PC Rackmount Chassis

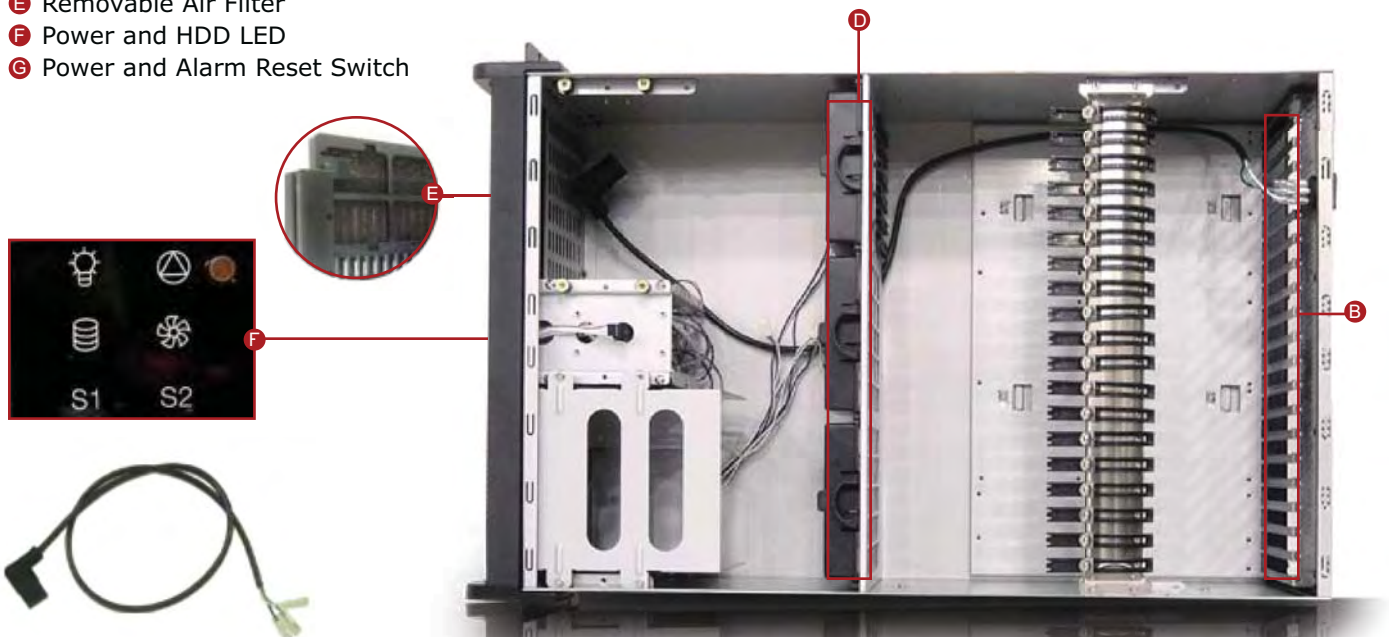


### INTRODUCTION

The D-420L rackmount chassis is designed for industrial computing. D-420L is a full size 4U chassis with 20 slots backplane support full-length and full-heights add-on cards. D-420L can be used across many industries such as telecommunication, automation, and control system applications. D-420L also has excellent thermal solution with 3 x 120mm hot-swappable fans that ensure system optimal cooling and continuous operations.

### FEATURES

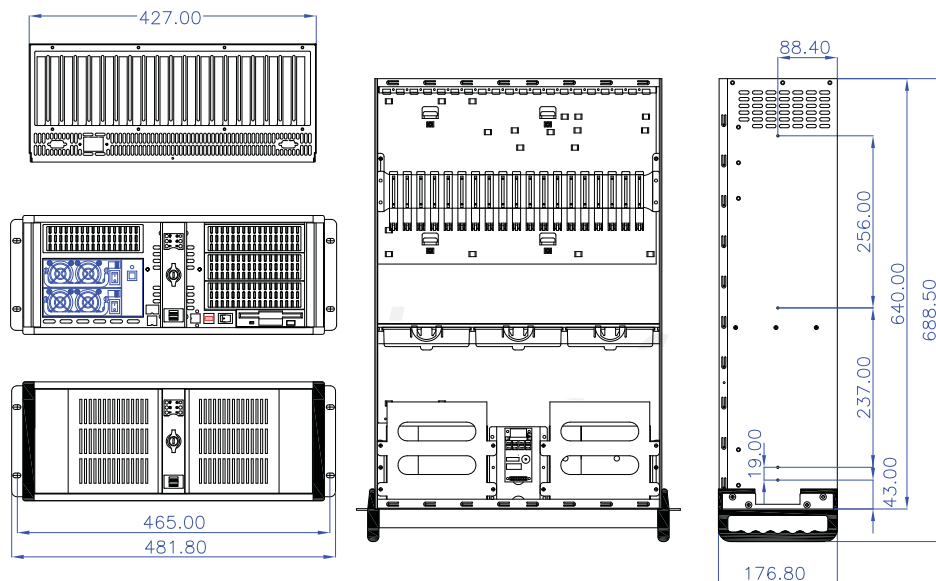
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 20 Slot Butterfly Backplane
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 120mm x 3 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch





# D-420L

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-420L</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 1 3.5 Drive [internal]: 2	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan</b>	3 x 120mm	<b>Backplane</b>	20 Slots
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
		<b>Color of Front Bezel</b>	Black / Blue / Silver / Red / Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>RP-HDD3.5</b>	N/A
<b>TC-Rail-24/26</b>	160	<b>DD-Fan80</b>	163
<b>BPU-230SATA/340SATA</b>	134/135	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-350PD1</b>	350W	230
<b>TC-400PD1</b>	400W	230
<b>TC-500PD1</b>	500W	230

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007





# E-4140

## 4U 14 Slots Industrial PC Rackmount Chassis

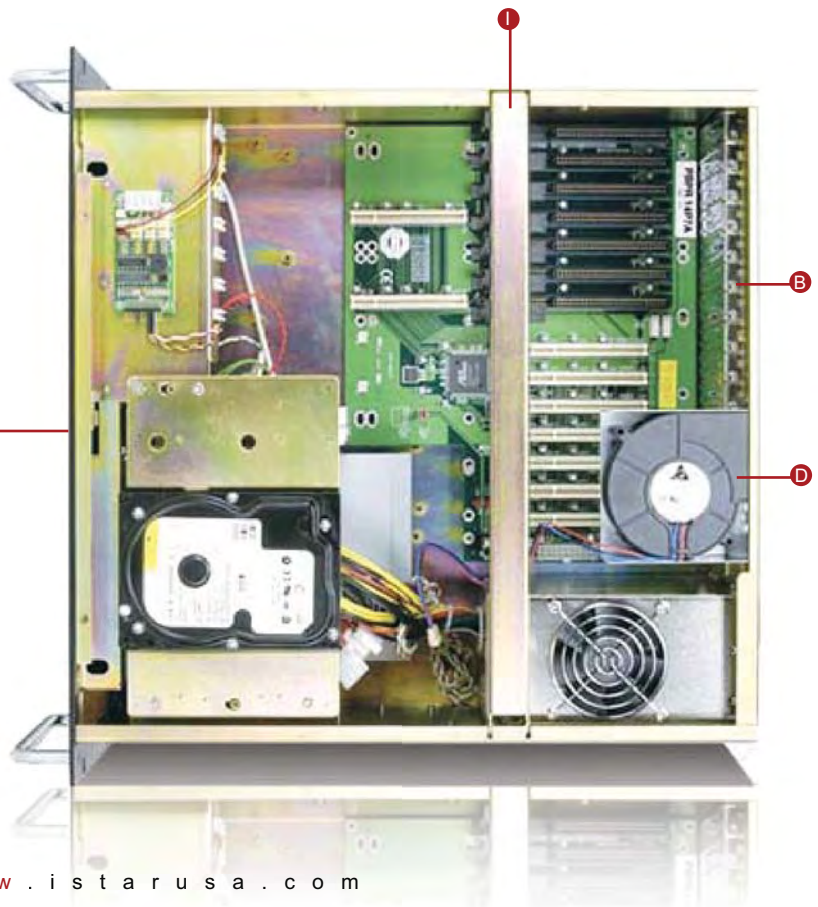


### INTRODUCTION

Ultra strong and compact for rugged environment and critical application, iStarUSA introduce the E-4140 military grade rackmount chassis. The E-4140 is designed to perform military operations or industrial applications that require spill proof and high impact strength enclosure. Exceptional designed shock absorbing drive cage, cooling ventilation system, and total depth of 17.8 is the most versatile and tough rackmount chassis on the market.

### FEATURES

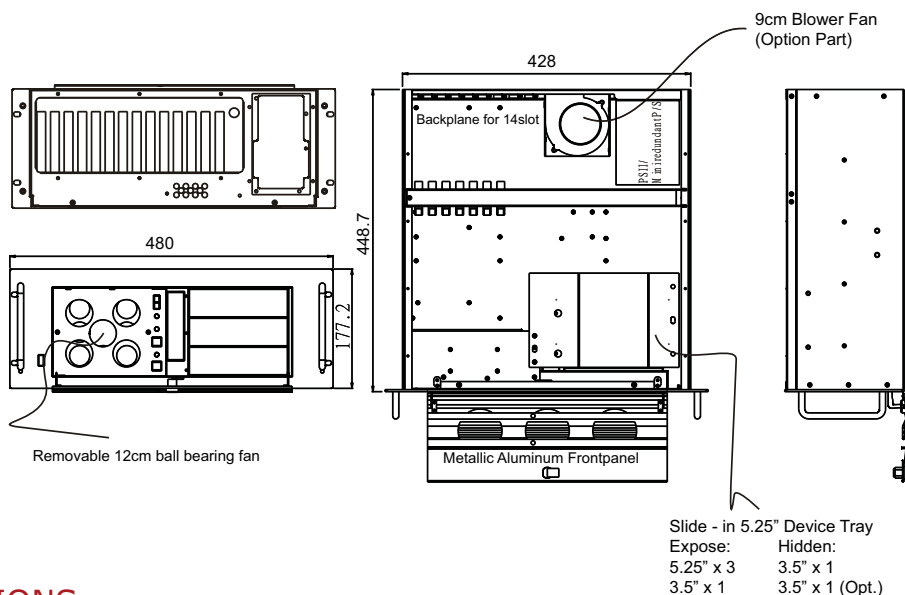
- A 1.6mm Steel Body Chassis
- B 14 Slot Butterfly Backplane
- C Front Access USB2.0 x 1
- D 120mm x 1, 80mm x 1 Cooling Fan
- E Removable Air Filter
- F Power and Alarm Reset Switch
- G Spill-Proof Bezel with Lock
- H Shock Absorbing Drive Cage
- I Expansion Card Center Lock Crowbar



Accessories

# E-4140

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-4140</b>	<b>Security</b>	Front Bezel
<b>RoHS Compliance Version</b>	Yes	<b>Speaker</b>	0.4W Built-In
<b>Standard Drive Bays</b>	5.25" Drive: 3 3.5" Drive: 1 3.5 Drive [internal]: 1	<b>Air Filter</b>	Removable & Washable
<b>Cooling Fan [Option]</b>	1 x 120mm [1 x 80mm Blower]	<b>Backplane</b>	14 Slots
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Front Bezel</b>	1.6mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Handle</b>	1.6mm SECC Zinc-Coated Steel
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Material of Main Chassis</b>	1.6mm SECC Zinc-Coated Steel
		<b>Color of Front Bezel</b>	Black
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 1 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 17.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	RP-E4000/80BLOWER	N/A
T-7	158	RP-HDD3.5	N/A
TC-Rail-20/24/26	160	DD-Fan60	162
BPU-230SATA	154	TC-iStorm 7/8	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
TC-300/400R8	300/400W	208	TC-600/650/700/750PD2	600/650/700/750W	234
TC-300/400/500R8A	300/400/500W	210			
TC-350/400/500PD1	350/400/500W	230			
TC-600/700R3N	600/700W	212			
TC-580/620PD3	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-200-PFS

## 2U Compact Stylish Rackmount Chassis

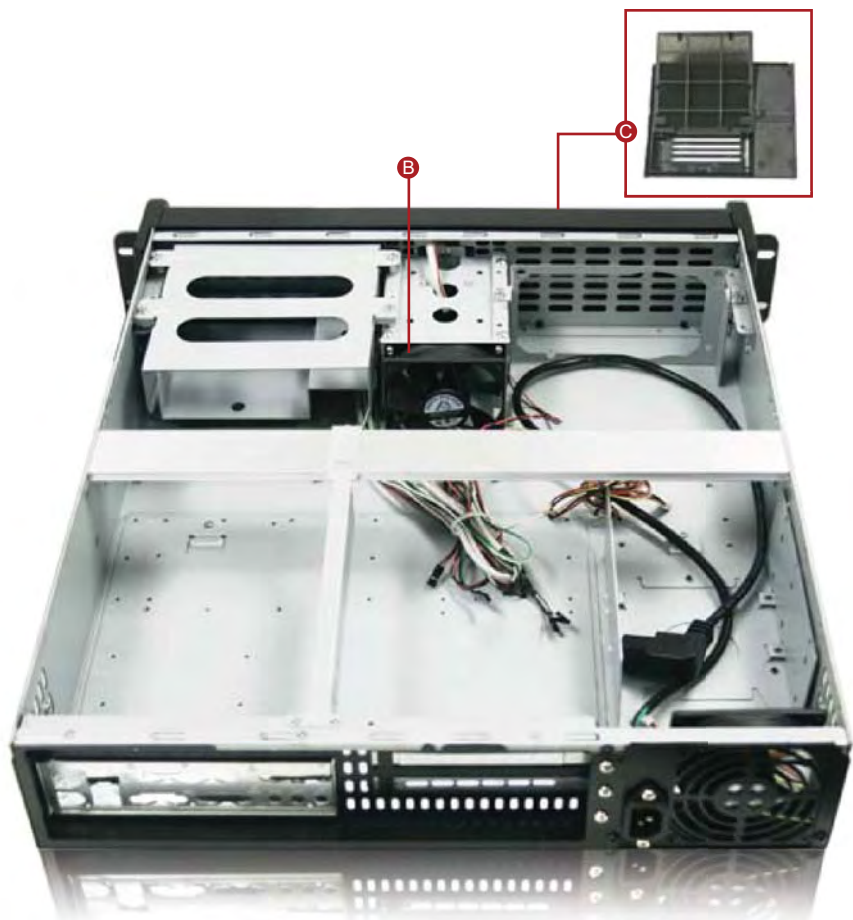
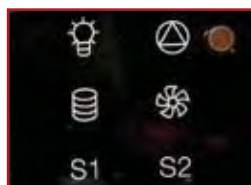


### INTRODUCTION

The 2U compact industrial rackmount chassis D Storm D-200-PFS. The full size I/O supports all ATX motherboard. Combine T-7 Hot-swappable cage for raid configuration, and total of three 3.5 drive storage that supports RAID 1/0/1+0/5 configuration as well as one 5.25 drive bay space for optical or hot-swap device. D-200-PFS supports 3 add-on cards include PCI, PCI-X, AGP, or PCI-Express architecture that provide your server or cluster maximum flexibility and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

### FEATURES

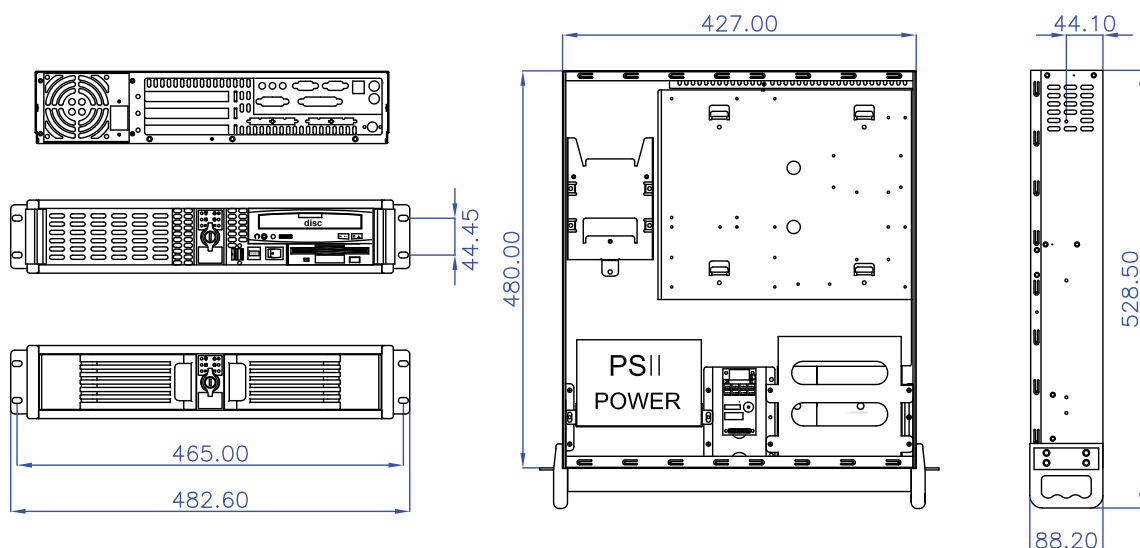
- Ⓐ Front Access USB2.0 x 2
- Ⓑ 80mm x 2 Cooling Fan
- Ⓒ Removable Air Filter
- Ⓓ Power and HDD LED
- Ⓔ Power and Alarm Reset Switch
- Ⓕ Front Mount ATX Power Supply
- Ⓖ Optional Aluminum Chassis





# D-200-PFS

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-200-PFS</b>	<b>Speaker</b>	0.4W Built-In
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	3.5" Drive [Internal]: 2 5.25" Drive: 1 3.5" Drive: 1	<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI
<b>Cooling Fan</b>	2 x 80mm	<b>Material of Front Bezel</b>	Plastic
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black
<b>Security</b>	Front Bezel	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBLue/DG</b>	N/A
<b>T-7-SA</b>	158	<b>DD-Fan60</b>	162
<b>TC-Rail-20/24/26</b>	160	<b>TC-iStorm 8</b>	160
<b>RP-HDD3.5</b>	N/A		

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-350PD1</b>	350W	230	<b>TC-700PD2</b>	700W	234
<b>TC-400PD1</b>	400W	230	<b>TC-750PD2</b>	750W	234
<b>TC-500PD1</b>	500W	230			
<b>TC-600PD2</b>	600W	234			
<b>TC-650PD2</b>	650W	234			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-300-PFS

## 3U Compact Stylish Rackmount Chassis

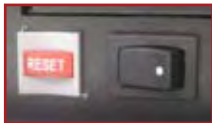


### INTRODUCTION

The 3U industrial rackmount chassis D Storm D-300-PFS. It features two 5.25 and six 3.5 bays for high density storage application. D-300-PFS backplane supports 7 full-length add-on cards. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution provide your system with maximum flexibility and performance.

### FEATURES

- Ⓐ Front Access USB2.0 x 2
- Ⓑ 60mm x 1, 80mm x 1 Cooling Fan
- Ⓒ Removable Air Filter
- Ⓓ Power and HDD LED
- Ⓔ Power and Alarm Reset Switch
- Ⓕ Front Mount ATX Power Supply
- Ⓖ Optional Aluminum Chassis



Ⓔ



Ⓓ



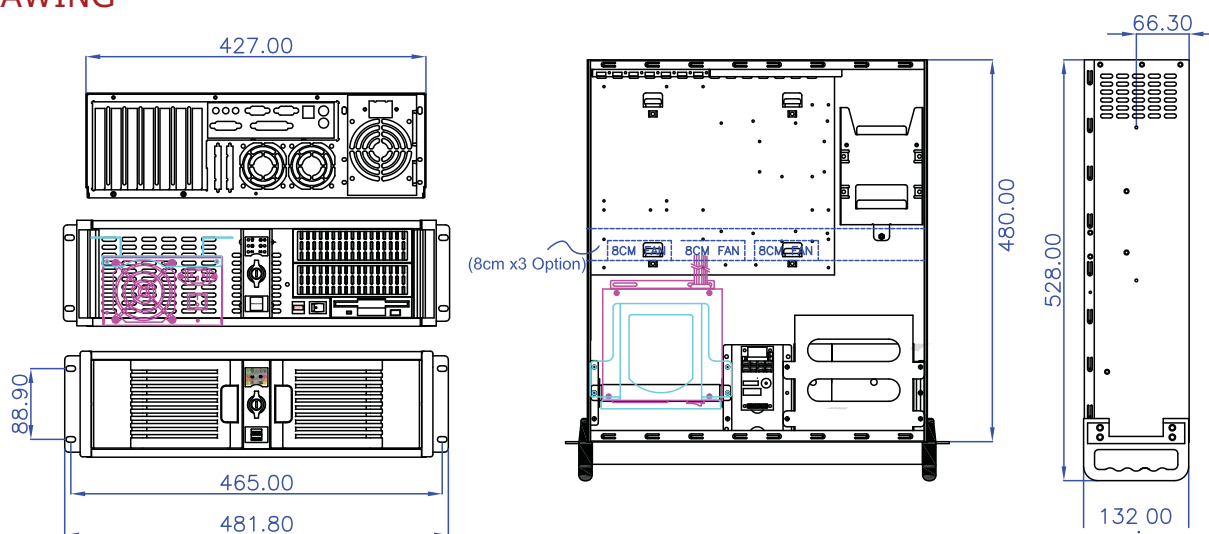
Ⓒ



Ⓑ

# D-300-PFS

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300-PFS</b>	<b>Speaker</b>	0.4W Built-In
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	5.25" Drive: 2 3.5" Drive: 1 3.5" Drive [internal]: 5	<b>Expansion Slots</b>	7 x PCI
<b>Cooling Fan [Option]</b>	1 x 60mm 1 x 80mm [3x80mm]	<b>Material of Front Bezel</b>	Plastic
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black
<b>Security</b>	Front Bezel	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBLue/DG</b>	N/A
<b>T-7-SA</b>	158	<b>BPU-230SATA</b>	154
<b>TC-Rail-20/24/26</b>	160	<b>DD-Fan60/80</b>	162-163
		<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-350PD1</b>	350W	230	<b>TC-700PD2</b>	700W	234
<b>TC-400PD1</b>	400W	230	<b>TC-750PD2</b>	750W	234
<b>TC-500PD1</b>	500W	230			
<b>TC-600PD2</b>	600W	234			
<b>TC-650PD2</b>	650W	234			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-400-7P

## 4U Compact Stylish Rackmount Chassis

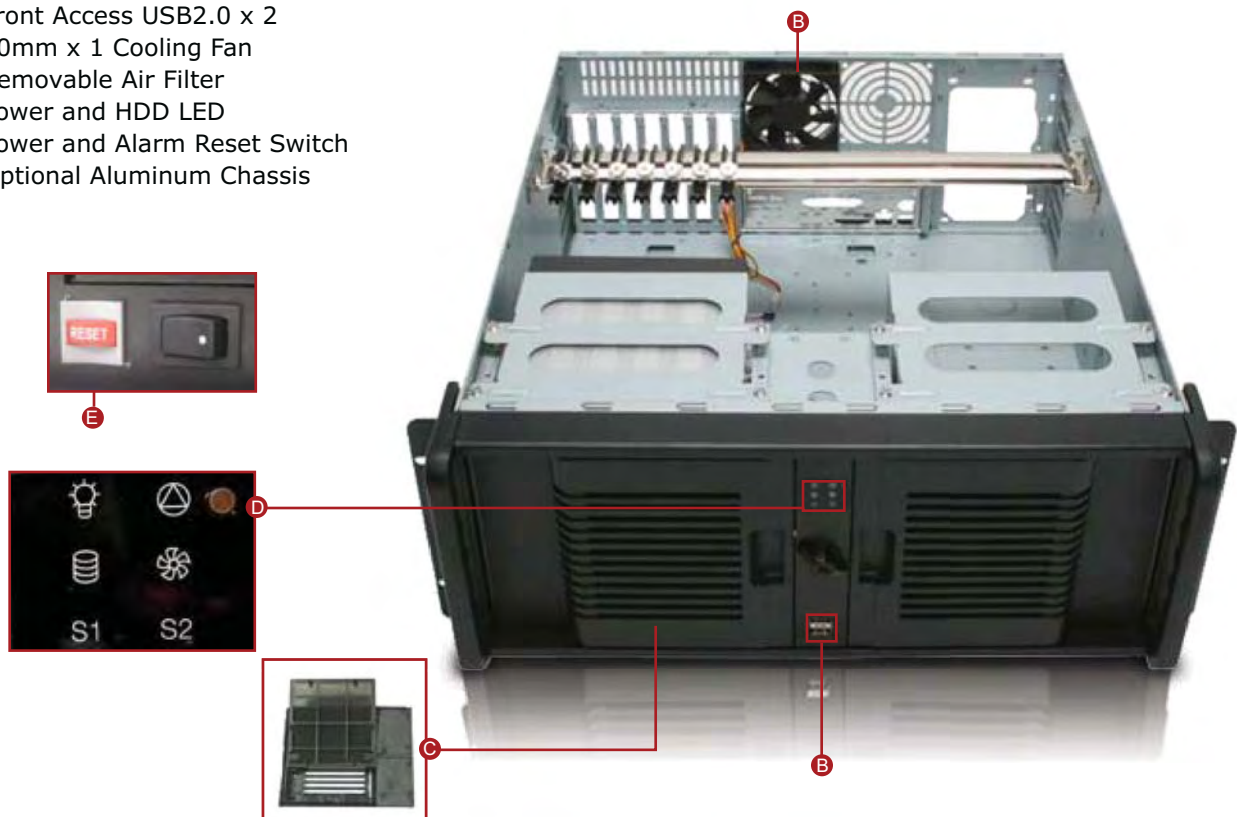


### INTRODUCTION

The iStarUSA 4U industrial rackmount chassis D Storm D-400-7P. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 9 storage drives for 1/0/5 raid configuration. D-400-7P provide your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

### FEATURES

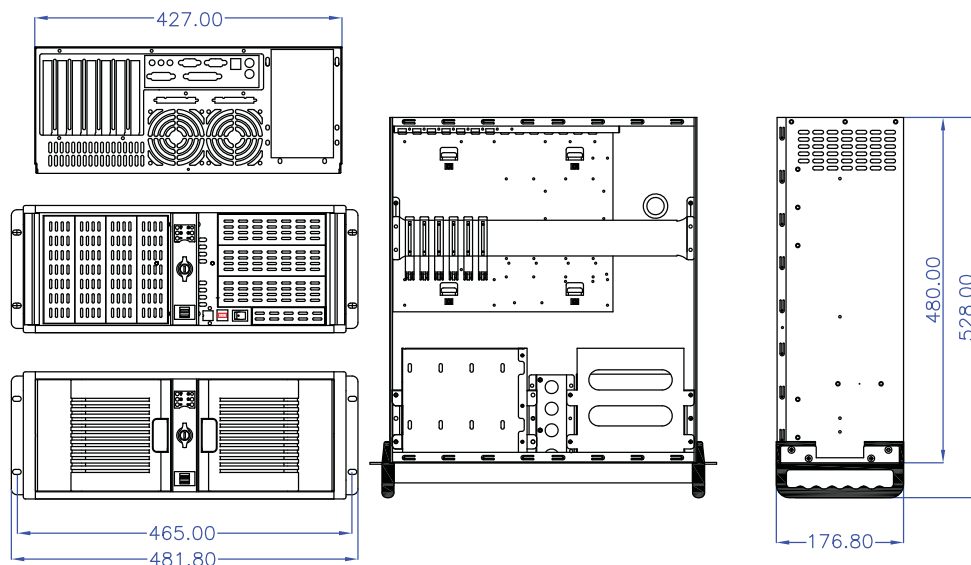
- Ⓐ Front Access USB2.0 x 2
- Ⓑ 80mm x 1 Cooling Fan
- Ⓒ Removable Air Filter
- Ⓓ Power and HDD LED
- Ⓔ Power and Alarm Reset Switch
- Ⓕ Optional Aluminum Chassis





# D-400-7P

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-7P</b>	<b>Speaker</b>	0.4W Built-In
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	5.25" Drive: 7 3.5" Drive: 1 3.5" Drive [internal]: 1	<b>Expansion Slots</b>	7 x PCI
<b>Cooling Fan [Option]</b>	1 x 80mm [ 1x80mm ]	<b>Material of Front Bezel</b>	Plastic
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black
<b>Security</b>	Front Bezel	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>BPU-230/340SATA</b>	154/155
<b>TC-Rail-20/24/26</b>	160	<b>DD-Fan80</b>	163
<b>RP-HDD3.5</b>	N/A	<b>TC-iStorm 7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210			
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D-200L-FS

## 2U High Performance Rackmount Chassis

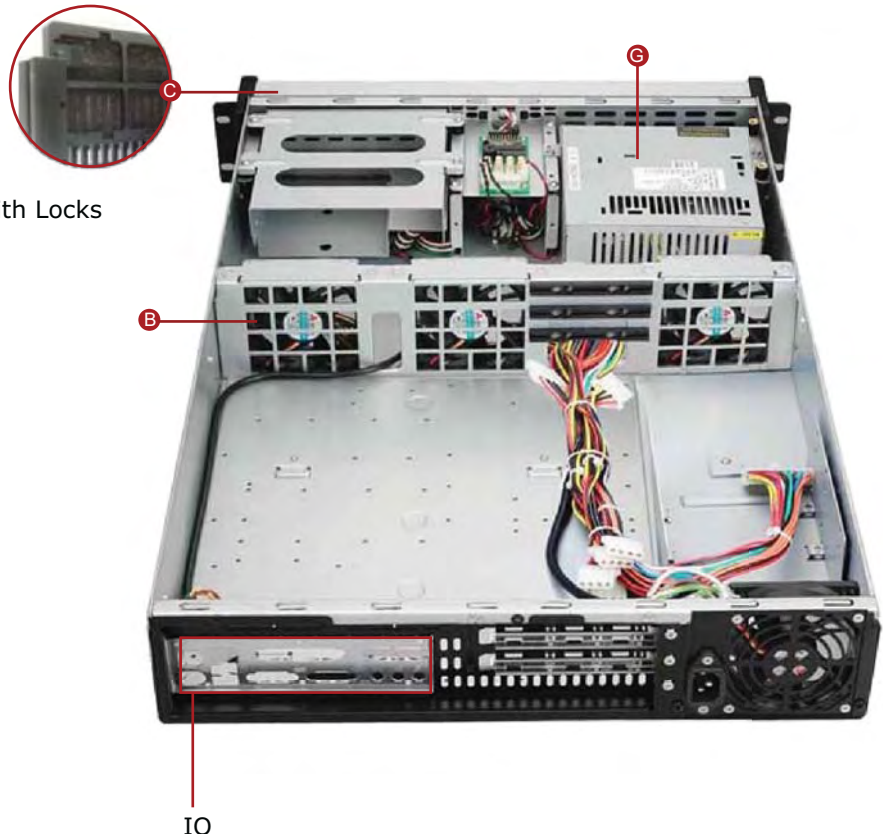
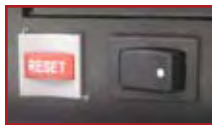


### INTRODUCTION

The D-200L-FS brings compact and power into balance for 2U rackmount chassis. High performance 2U rackmount chassis that is compatible with standard ATX power supply supports system with high power needs. D-200L-FS has total of three 3.5 drive storage that supports RAID 1/0/1+0/5 configuration as well as one 5.25 drive bay space for optical or hot-swap device. Enforced power supply cooling and 4x80mm ball-bearing fans ensure system optimal performance. Optional 6 slots low-profile backplane supports additional expansion cards.

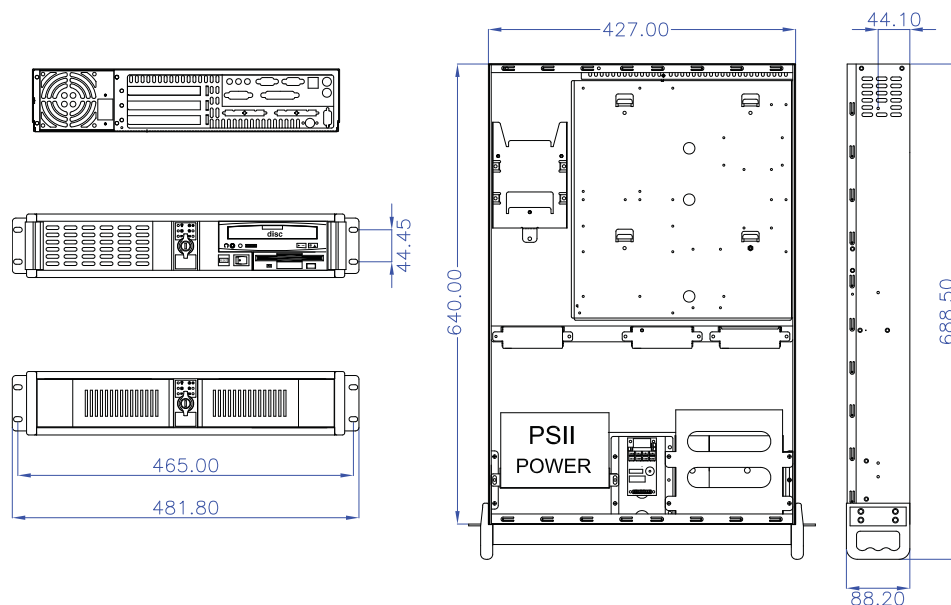
### FEATURES

- A Front Access USB2.0 x 2
- B 80mm x 4 Cooling Fan
- C Removable Air Filter
- D Power and HDD LED
- E Power and Alarm Reset Switch
- F 3 Way Aluminum Front Panel with Locks
- G Front Mount ATX Power Supply



# D-200L-FS

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-200L-FS</b>	<b>Speaker</b>	0.4W Built-In
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	5.25" Drive: 1 3.5" Drive: 1 3.5" Drive [internal]: 2	<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI
<b>Cooling Fan</b>	4 x 80mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Security</b>	Front Bezel	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-200-32bit/64bit/AGP/AGP Pro</b>	10-11
<b>TC-Rail-24/26</b>	160	<b>DD-Fan60</b>	162
<b>RP-HDD3.5</b>	N/A	<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-350PD1</b>	350W	230
<b>TC-400PD1</b>	400W	230
<b>TC-500PD1</b>	500W	230
<b>TC-600/650PD2</b>	600/650W	234
<b>TC-700/750PD2</b>	700/750W	234

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D-300L-FS

## 3U High Performance Rackmount Chassis

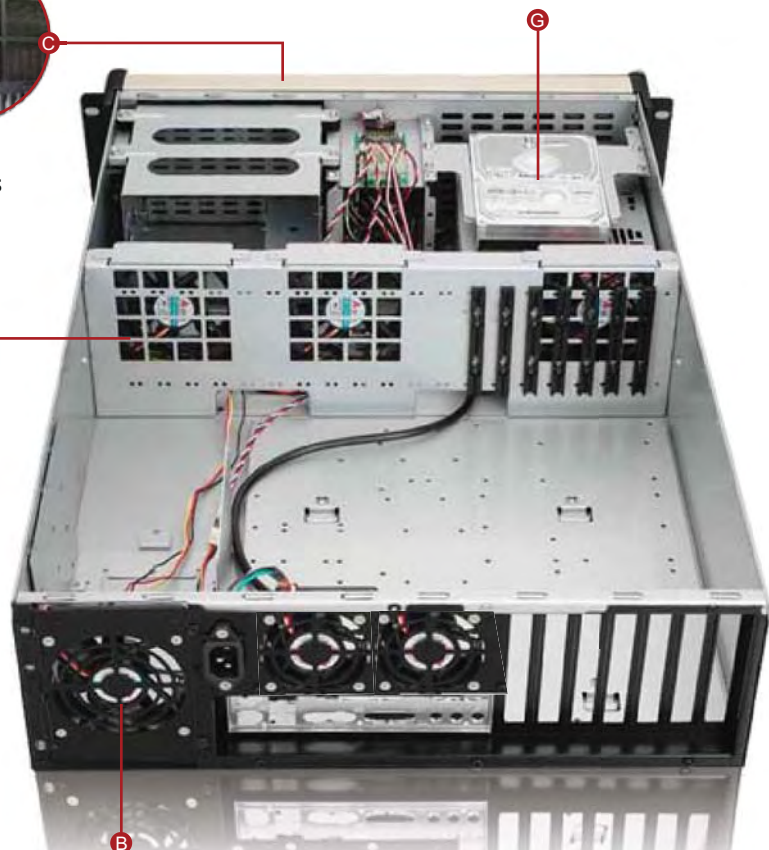
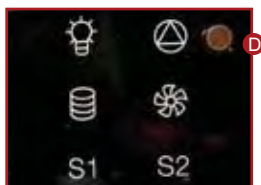
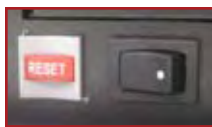


### INTRODUCTION

The D-300L-FS incorporate performance and capacity in a 3U form factor. It features two 5.25 and six 3.5 bays for high density storage application. Whether it's web server or database server, D-300L-FS can accommodate the thermal requirements of dual processor and Raid drive storage needs. The 7 PCI slots support PCI, PCI 64bits, AGP, and PCI-Express add-on cards which enable future upgrades for customized functions and application needs. D-300L-FS is a cost effective chassis for data and storage server.

### FEATURES

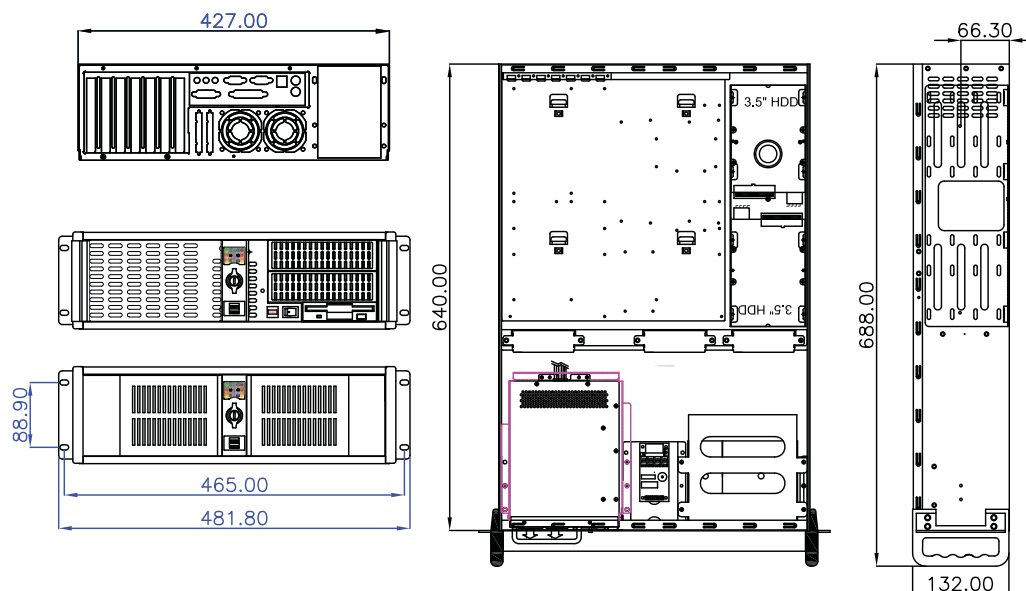
- A Front Access USB2.0 x 2
- B 80mm x 4 Cooling Fan
- C Removable Air Filter
- D Power and HDD LED
- E Power and Alarm Reset Switch
- F 3 Way Aluminum Front Panel with Locks
- G Front Mount ATX Power Supply





# D-300L-FS

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-300L-FS</b>	<b>Speaker</b>	0.4W Built-In
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	5.25" Drive: 2 3.5" Drive: 1 3.5" Drive [internal]: 5	<b>Expansion Slots</b>	Standard: 7 x PCI 32bit
<b>Cooling Fan</b>	4 x 80mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Security</b>	Front Bezel	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-Fan60/80</b>	162-163
<b>TC-Rail-24/26</b>	160	<b>TC-iStorm7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-600PD2</b>	600W	234
<b>TC-650PD2</b>	650W	234
<b>TC-700PD2</b>	700W	234
<b>TC-750PD2</b>	750W	234

:: Specification and wiring diagram subject to change without notice

:: Limited Life Time Warranty

:: Last Update: Oct/2007



# D-400-5

## 4U Compact Stylish Rackmount Chassis

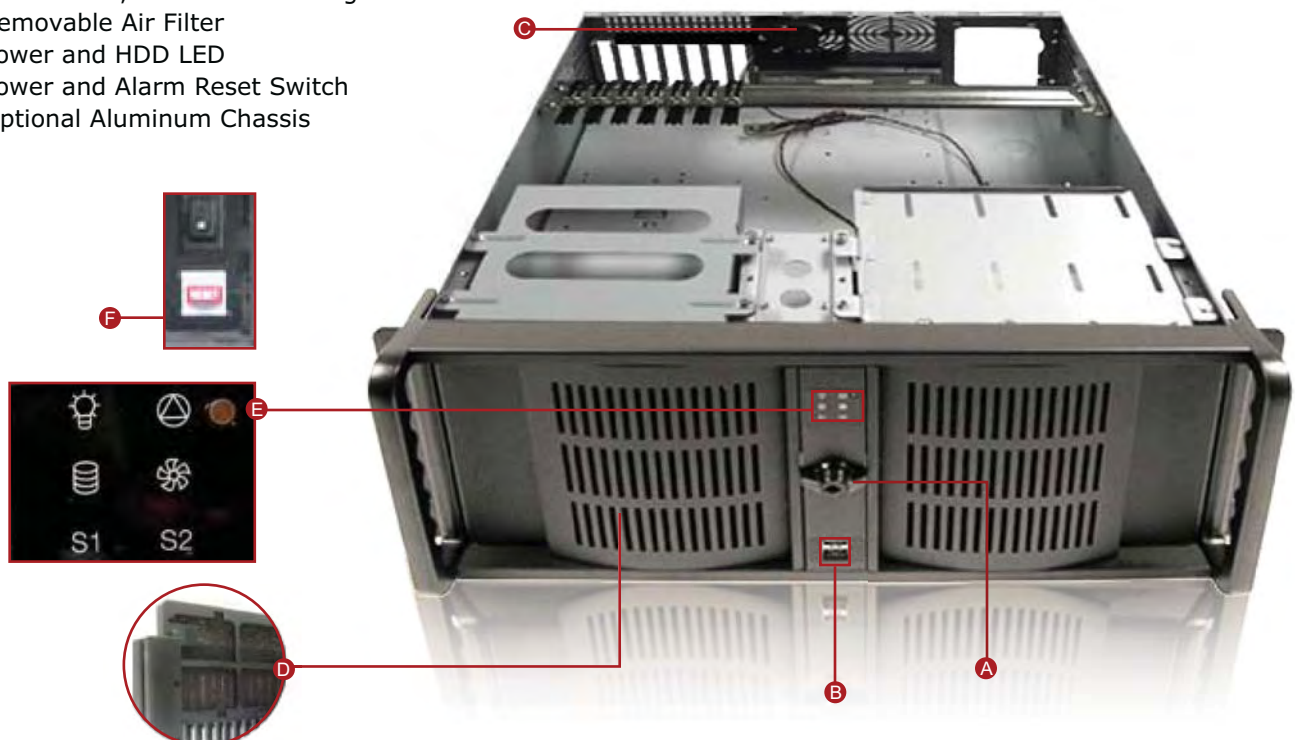


### INTRODUCTION

iStarUSA 4U industrial rackmount chassis D Storm D-400-5. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400-5 provide your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

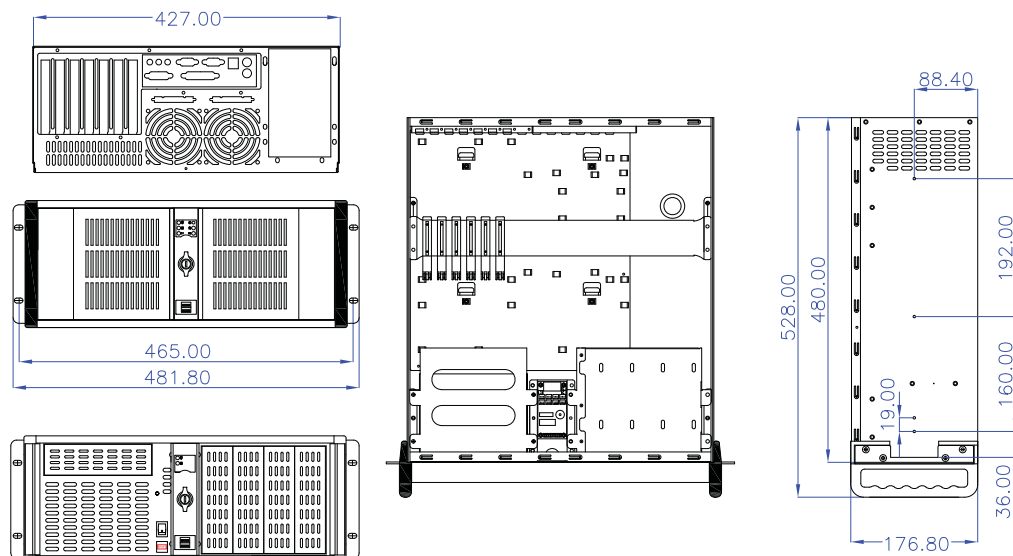
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 120mm x 1, 80mm x 1 Cooling Fan
- Ⓓ Removable Air Filter
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch
- Ⓖ Optional Aluminum Chassis



# D-400-5

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-5</b>	<b>Speaker</b>	0.4W Built-In
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	5.25" Drive: 5 3.5" Drive [internal]: 1	<b>Security</b>	Front Bezel
<b>Cooling Fan [Option]</b>	1 x120mm, 1 x80mm [ 1 x80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-400-DR/DS/DBlue/DG	N/A
T-7	158	DD-Fan60	162
TC-Rail-20/24/26	160	TC-iStorm7/8	160
RP-HDD3.5	N/A	BPU-230/340SATA	154/155

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
TC-300/400R8	300/400W	208	TC-600/650/700/750PD2	600/650/700/750W	234
TC-300/400/500R8A	300/400/500W	210			
TC-350/400/500PD1	350/400/500W	230			
TC-600/700R3N	600/700W	212			
TC-580/620PD3	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007





# D-400-7

## 4U Compact Stylish Rackmount Chassis

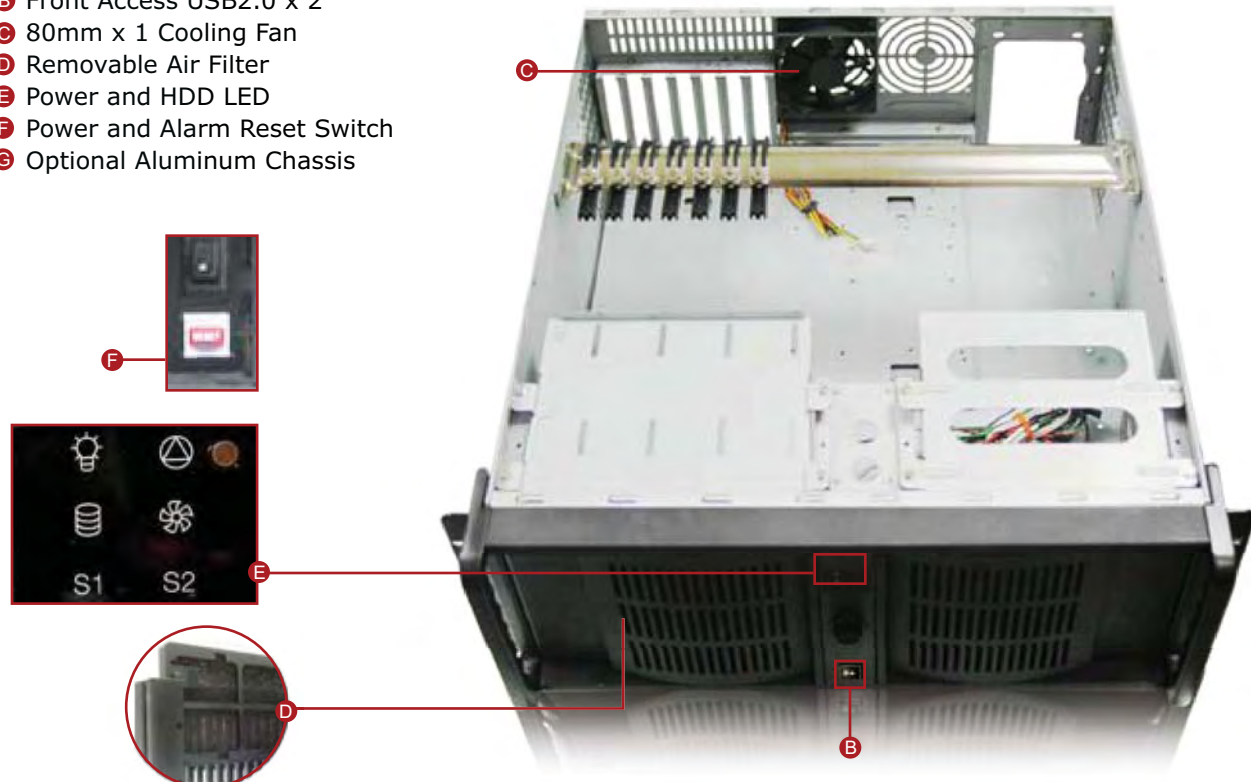


### INTRODUCTION

iStarUSA 4U industrial rackmount chassis D Storm D-400-7. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400-7 provide your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

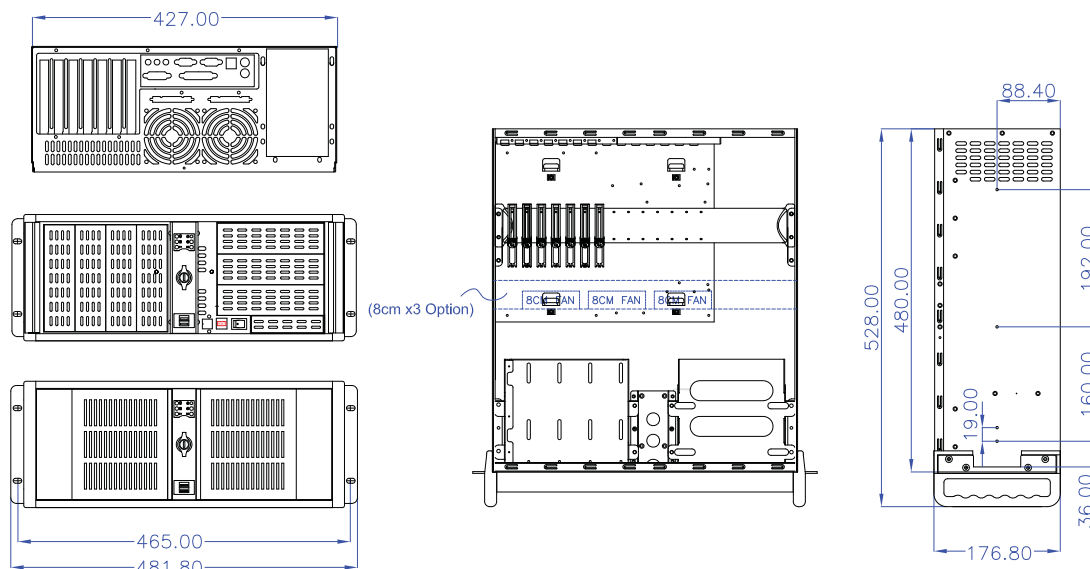
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 80mm x 1 Cooling Fan
- Ⓓ Removable Air Filter
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch
- Ⓖ Optional Aluminum Chassis



# D-400-7

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-7</b>	<b>Speaker</b>	0.4W Built-In
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	5.25" Drive: 7 3.5" Drive: 1 3.5" Drive [internal]: 1	<b>Security</b>	Front Bezel
<b>Cooling Fan [Option]</b>	1 x 80mm [ 1 x80mm]	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
		<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-400-DR/DS/DBLue/DG	N/A
T-7	158	DD-Fan60	162
TC-Rail-20/24/26	160	TC-iStorm7/8	160
RP-HDD3.5	N/A	BPU-230/340SATA	154/155

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
TC-300/400R8	300/400W	208	TC-600/650/700/750PD2	600/650/700/750W	234
TC-300/400/500R8A	300/400/500W	210			
TC-350/400/500PD1	350/400/500W	230			
TC-600/700R3N	600/700W	212			
TC-580/620PD3	580/620W	232			

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# D-400-8

## 4U Compact Stylish Rackmount Chassis

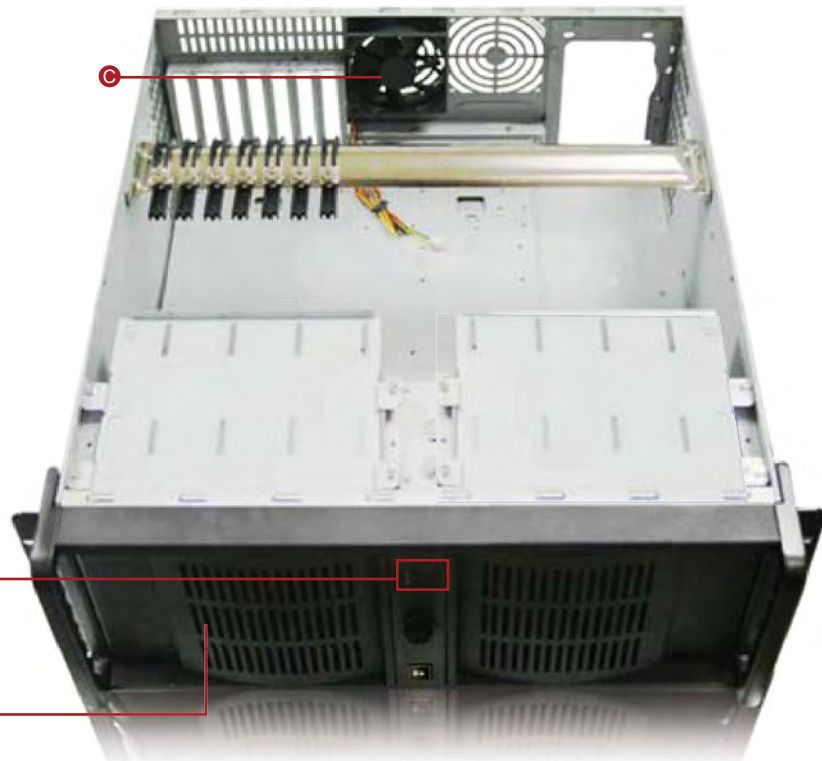
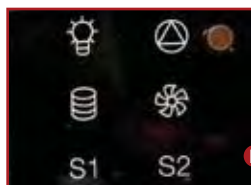


### INTRODUCTION

iStarUSA 4U industrial rackmount chassis D Storm D-400-8. Combine with BPU or T Series enable hot-swappable storage capability. It also supports up to seven add-on cards and total storage capacity up to 5 storage drives for 1/0/5 raid configuration. D-400-8 provide your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

### FEATURES

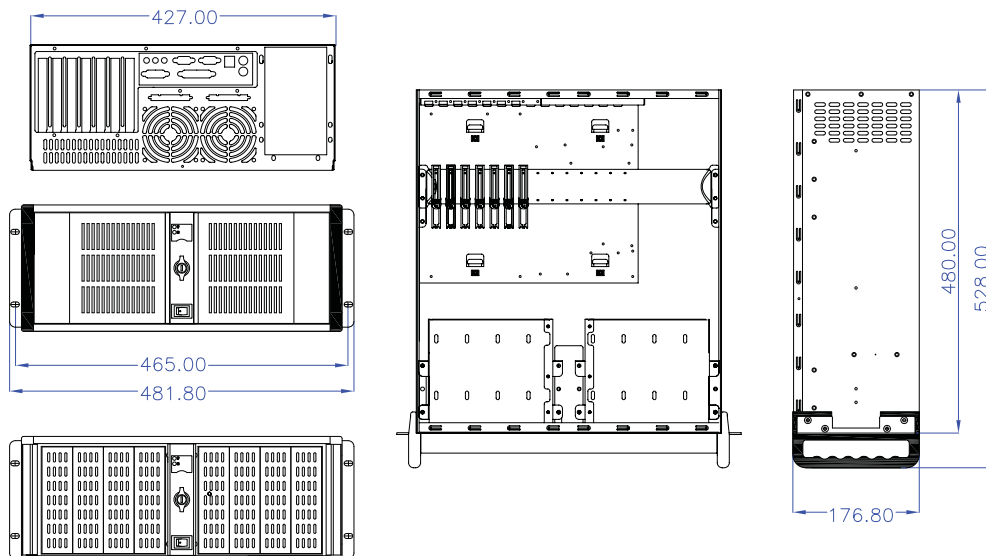
- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ 80mm x 1 Cooling Fan
- Ⓒ Removable Air Filter
- Ⓓ Power and HDD LED
- Ⓔ Power and Alarm Reset Switch
- Ⓕ Optional Aluminum Chassis





# D-400-8

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D-400-8</b>	<b>Air Filter</b>	Removable & Washable
<b>RoHS Compliance Version</b>	Yes	<b>Security</b>	Front Bezel
<b>Standard Drive Bays</b>	5.25" Drive: 8	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Cooling Fan [Option]</b>	1 x 80mm [ 1 x80mm]	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-400-DR/DS/DBlue/DG	N/A
T-7	158	DD-Fan60	162
TC-Rail-20/24/26	160	TC-iStorm7/8	160
RP-HDD3.5	N/A	BPU-230/340SATA	154/155

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
TC-300/400R8	300/400W	208	600/650/700/750PD2	600/650/700/750W	234
TC-300/400/500R8A	300/400/500W	210	:: Specification and wiring diagram subject to change without notice :: Limited Life Time Warranty :: Last Update: Oct/2007		
TC-350/400/500PD1	350/400/500W	230			
TC-600/700R3N	600/700W	212			
TC-580/620PD3	580/620W	232			



# D2-200

## 2U Compact Stylish Rackmount Chassis



### INTRODUCTION

The 2U compact industrial rackmount chassis D2 Storm D2-200. The full size I/O supports all ATX motherboard. Combine T-7 Hot-swappable cage for raid configuration, and total up to 4 drive storage capacity. D2-200 supports 3 add-on cards include PCI, PCI-X, AGP, or PCI-Express architecture that provide your server or cluster maximum flexibility and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

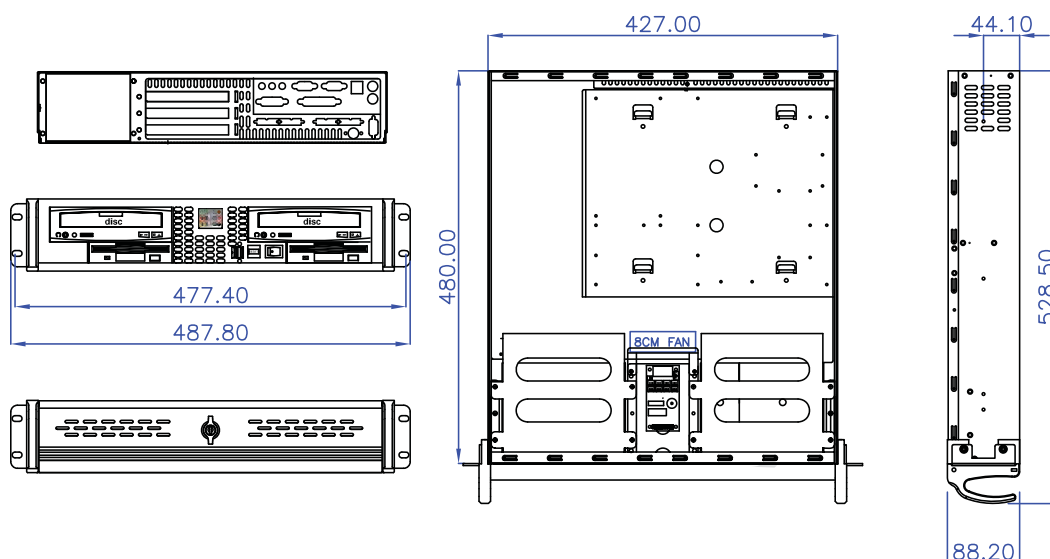
### FEATURES

- Ⓐ Patented Aluminum Front Panel with Locks, Taiwan: 200281 / 190240 , China: 2L01259648.5
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 80mm x 1 Cooling Fan
- Ⓓ Removable Air Filter
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch
- Ⓖ Optional Aluminum Chassis
- Ⓗ I/O Shield
- Ⓘ 32bit PCI Riser Card x 3/  
Optional PCI x 2 + AGP 4x x1



# D2-200

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D2-200</b>	<b>Air Filter</b>	Removable & Washable
<b>RoHS Compliance Version</b>	Yes	<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI
<b>Standard Drive Bays</b>	5.25" Drive: 2 3.5" Drive: 2	<b>Security</b>	Front Bezel
<b>Cooling Fan</b>	1 x 80mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Speaker</b>	0.4W Built-In	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-Fan60</b>	162
<b>TC-Rail-20/24/26</b>	160	<b>TC-iStorm8</b>	160
<b>RP-HDD3.5</b>	N/A	<b>DD-200-32bit/64bit/AGP/AGP Pro</b>	10-11

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-2U/35</b>	350W	220	<b>TC-500S2U</b>	500W	216
<b>TC-2U/40</b>	400W	220			
<b>TC-2U/46</b>	460W	220			
<b>TC-2U/55P</b>	550W	222			
<b>TC-350/400R2U</b>	350/400W	214			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D2-300

## 3U Compact Stylish Rackmount Chassis

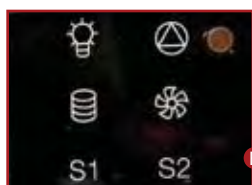


### INTRODUCTION

The 3U industrial rackmount chassis D2 Storm D2-300. Optional BPU Series enables hot-swappable storage, 1/0/0+1/JBOD Raid configuration, and up to total of 6 HDD storage capacities. D2-300 backplane supports 7 full-length add-on cards. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution provide your system with maximum flexibility and performance.

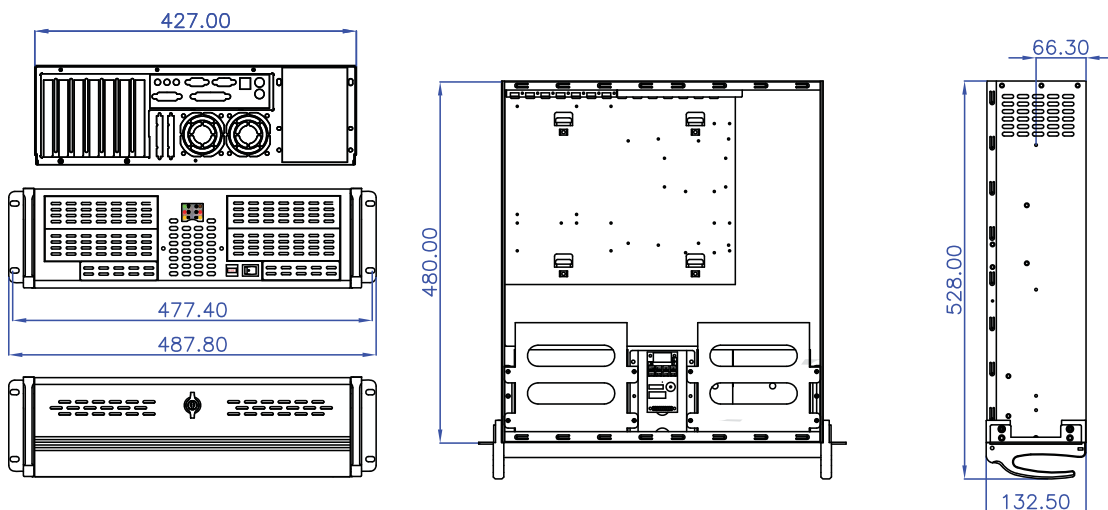
### FEATURES

- Ⓐ Front Access USB2.0 x 2
- Ⓑ 60mm x 1 Cooling Fan
- Ⓒ Removable Air Filter
- Ⓓ Power and HDD LED
- Ⓔ Power and Alarm Reset Switch
- Ⓕ I/O Shield
- Ⓖ Optional Aluminum Chassis



# D2-300

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D2-300</b>	<b>Air Filter</b>	Removable & Washable
<b>RoHS Compliance Version</b>	Yes	<b>Security</b>	Front Bezel
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 2	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Cooling Fan [Option]</b>	1 x 60mm [1 x 60mm]	<b>Material of Handle</b>	1.2mm SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBLue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-Fan60/80</b>	162-163
<b>TC-Rail-20/24/26</b>	160	<b>TC-iStorm7/8</b>	160
<b>RP-HDD3.5</b>	N/A	<b>BPU-230SATA</b>	154

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-3U/30</b>	300W	224
<b>TC-3U/40</b>	400W	224
<b>TC-3U/46</b>	460W	224
<b>TC-350/400/460R2U</b>	350/400/460W	214

:: Specification and wiring diagram subject to change without notice

:: Limited Life Time Warranty

:: Last Update: Oct/2007



# D2-200L-M4SA

2U 4 Hot-Swappable Rackmount Chassis

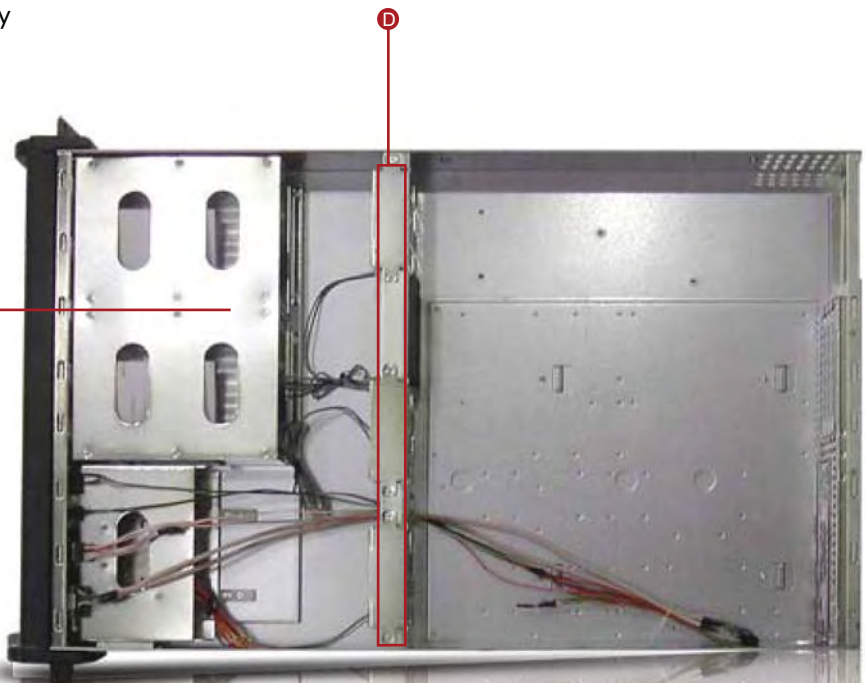


## INTRODUCTION

A descendant of our popular D-Storm rackmount chassis D2-200L-M4SA is stylish and compact. The redesigned D2-200L-M4SA features 4 hot-swap drive trays with SATA II interface to provide high density and high availability storage server. The 3 PCI cutouts support PCI, PCI 64bits, AGP, and PCI-Express add-on cards. D2-200L-M4SA is a well designed and feature-loaded entry-level storage chassis.

## FEATURES

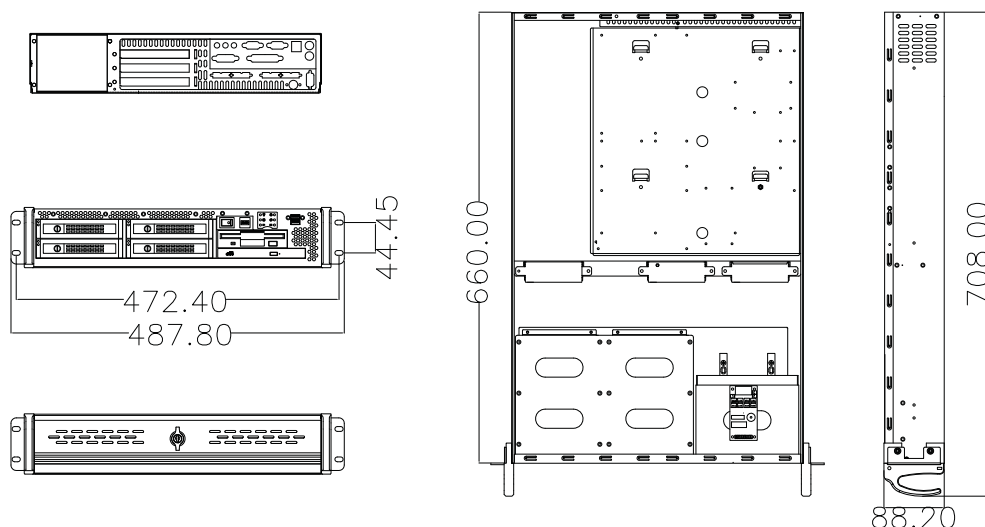
- Ⓐ 32bit PCI Riser Card x 3 / Optional PCI x 2 + AGP 4 x x 1
- Ⓑ 4 Hot-Swappable SATA II Drive Bay
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 3 Cooling Fan
- Ⓔ Removable Air Filter
- Ⓕ Power and HDD LED
- Ⓖ Power and Alarm Reset Switch
- Ⓗ I/O Shield





# D2-200L-M4SA

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D2-200L-M4SA</b>	<b>Air Filter</b>	Removable & Washable
<b>RoHS Compliance Version</b>	Yes	<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI
<b>Standard Drive Bays</b>	5.25" Drive: 1 x SlimCD 3.5" Drive: 1 Hot-Swap Drive: 4 x SATA	<b>Security</b>	Front Bezel
<b>Cooling Fan</b>	3 x 80mm	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Speaker</b>	0.4W Built-In	<b>Color of Main Chassis</b>	Black
		<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 3.5 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
DD-200-32bit/64bit/AGP/AGP Pro	10-11	DD-200-DR/DS/DBlue/DG	N/A
DD-Fan60	162	TC-Rail-24/26	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
TC-2U/35	350W	220
TC-2U/40	400W	220
TC-2U/46	460W	220
TC-2U/55P	550W	222
TC-350R2U	350W	214
TC-400R2U	400W	214
TC-500S2U	500W	216

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D2-300L-M6SA

3U 6 Hot-Swappable Rackmount Chassis

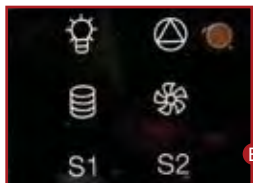
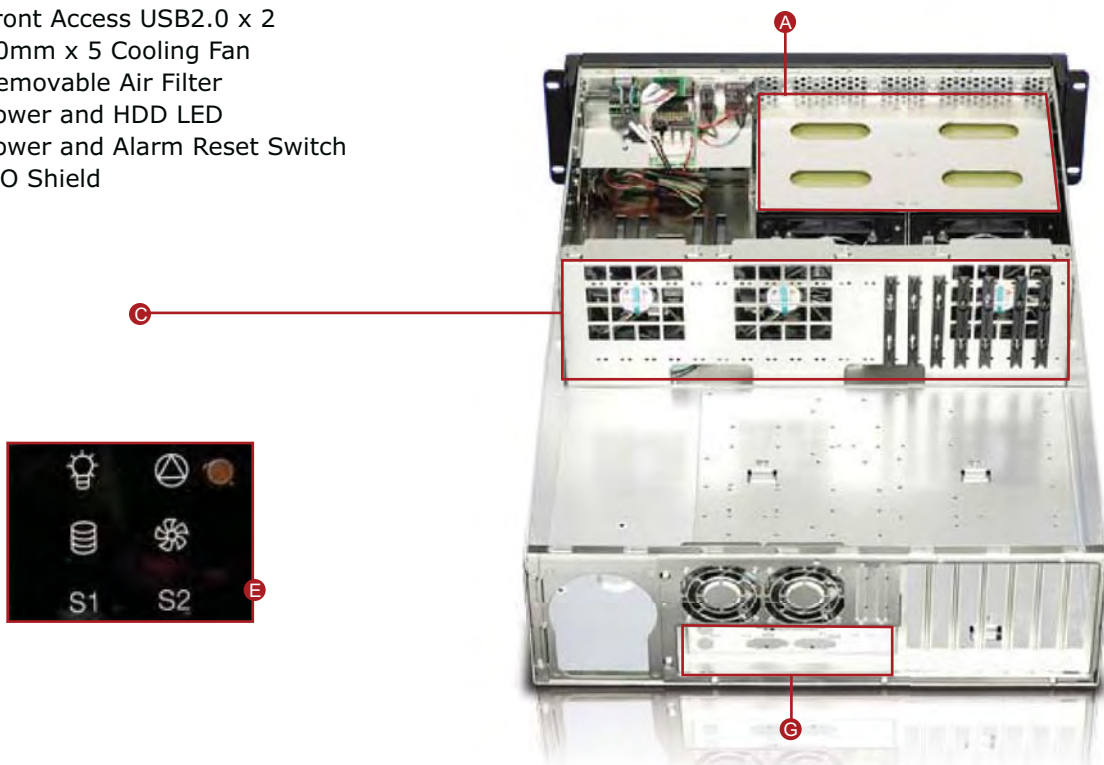


## INTRODUCTION

A descendant of our popular D-Storm rackmount chassis D2-300L-M6SA is stylish and compact. The redesigned D2-300L-M6SA feature 6 hot-swap drive trays with SATA II interface to provide high density and high availability storage system. D2-300L-M6SA supports up to 7 add-on cards for system expansions and upgrades. Excellent thermal design with 5 x 80mm cooling fan ensures optimal performance. D2-300L-M6SA is the cost-effective solution for 3U storage server chassis.

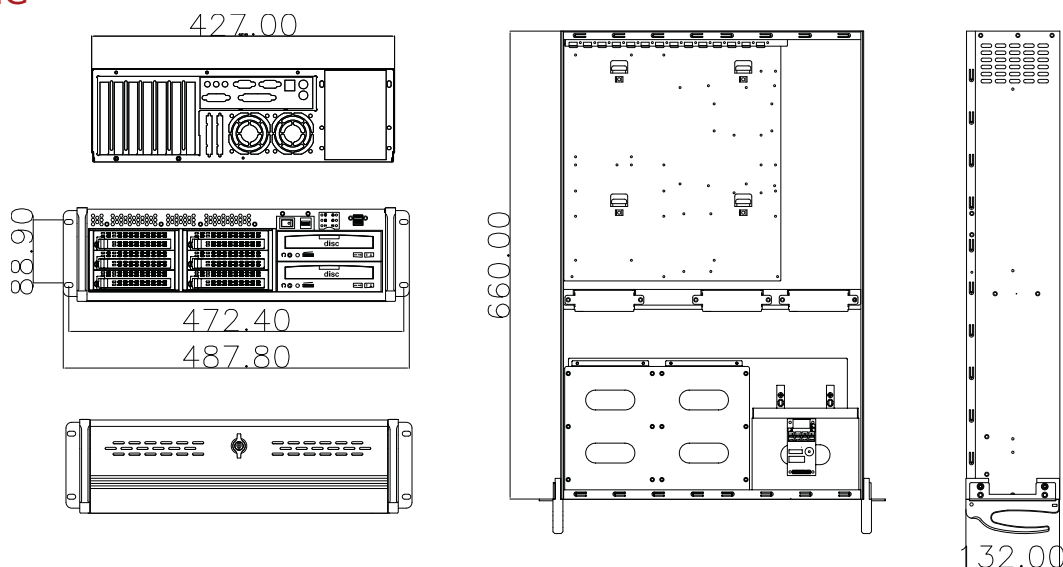
## FEATURES

- Ⓐ 6 Hot-Swappable SATA II Drive Bay
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 80mm x 5 Cooling Fan
- Ⓓ Removable Air Filter
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch
- Ⓖ I/O Shield



# D2-300L-M6SA

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D2-300L-M6SA</b>	<b>Air Filter</b>	Removable & Washable
<b>RoHS Compliance Version</b>	Yes	<b>Security</b>	Front Bezel
<b>Standard Drive Bays</b>	5.25" Drive: 2 Hot-Swap Drive: 6 x SATA	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Cooling Fan</b>	5 x 80mm	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 5.25 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBlue/DG</b>	N/A
<b>BPU-230SATA</b>	154	<b>DD-Fan60/80</b>	162-163
<b>RP-HDD3.5</b>	N/A	<b>T-7</b>	158
<b>TC-iStorm7/8</b>	160	<b>TC-Rail-24/26</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-3U/30</b>	350W	224
<b>TC-3U/40</b>	400W	224
<b>TC-3U/46</b>	460W	224
<b>TC-350/400/460R2U</b>	350/400/460W	214

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D2-400L-M10SA

4U 10 Hot-Swappable Rackmount Chassis

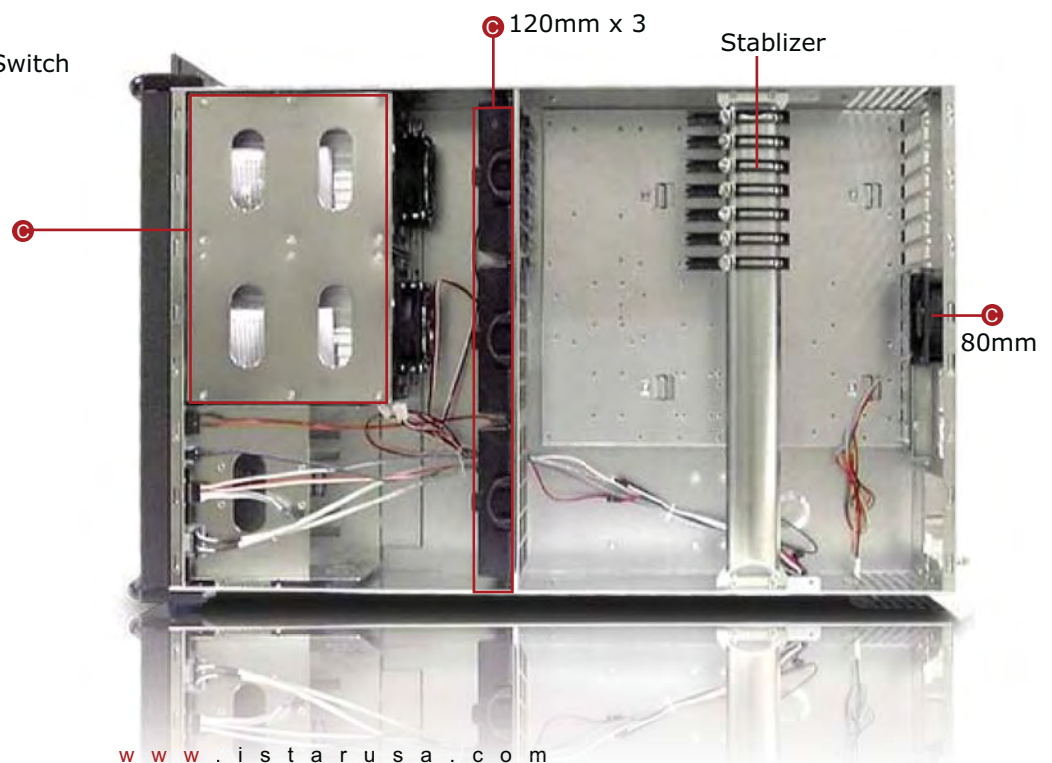


## INTRODUCTION

D2-400L-M10SA is a 4U storage rackmount chassis. It is elegant and includes intelligent functional design. The redesigned D2-400L-M10SA features 10 hot-swap drive trays with SATA II interface to provide high density and high-availability storage system. It can support 7 add-on cards for system expansions and upgrades. It also has excellent thermal design with 3x120mm 1x80mm hot-swappable fans to ensure optimal system performance. D2-400L-M10SA is the cost-effective and all around storage rackmount chassis.

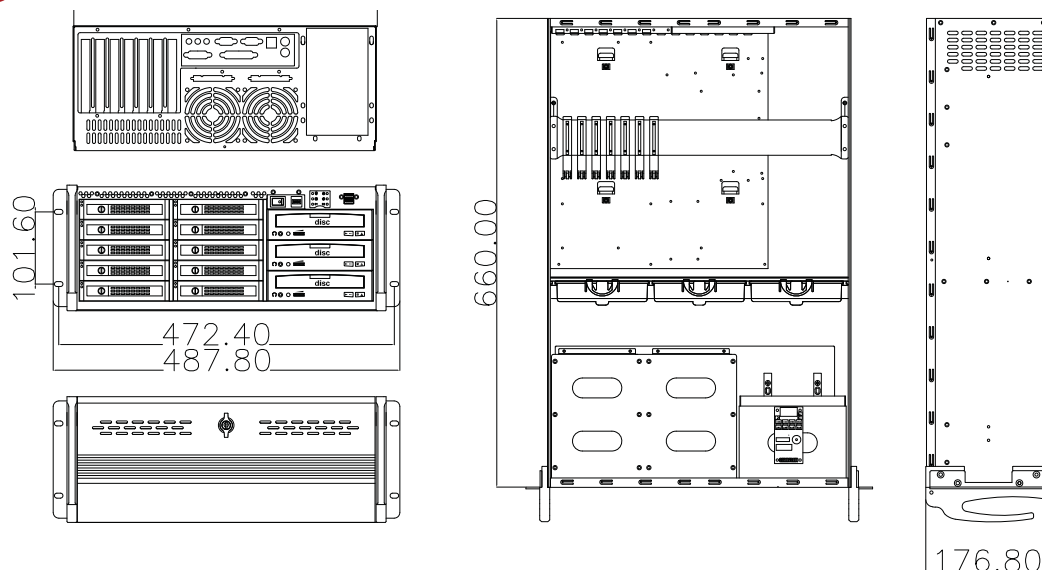
## FEATURES

- Ⓐ 10 Hot-Swappable SATA II Drive Bay
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 120mm x 3, 80mm x 2 Cooling Fan
- Ⓓ Removable Air Filter
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch
- Ⓖ I/O Shield



# D2-400L-M10SA

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D2-400L-M10SA</b>	<b>Air Filter</b>	Removable & Washable
<b>RoHS Compliance Version</b>	Yes	<b>Security</b>	Front Bezel
<b>Standard Drive Bays</b>	5.25" Drive: 3 Hot-Swap Drive: 10 x SATA	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Cooling Fan [Option]</b>	3 x 120mm, 1 x 80mm [1x80mm]	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Switches</b>	Power ON/OFF, System & Alarm Reset	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
		<b>Dimensions (WxHxD)</b>	19 x 7 x 27.1 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBlue/DG</b>	N/A
<b>BPU-230/340SATA</b>	154/155	<b>DD-Fan80</b>	163
<b>RP-HDD3.5</b>	N/A	<b>T-7</b>	158
<b>TC-iStorm7/8</b>	160	<b>TC-Rail-24/26</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210	:: Specification and wiring diagram subject to change without notice :: Limited Life Time Warranty :: Last Update: Oct/2007		
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			



# D3-200L

## 2U Config-Optimized Rackmount Chassis

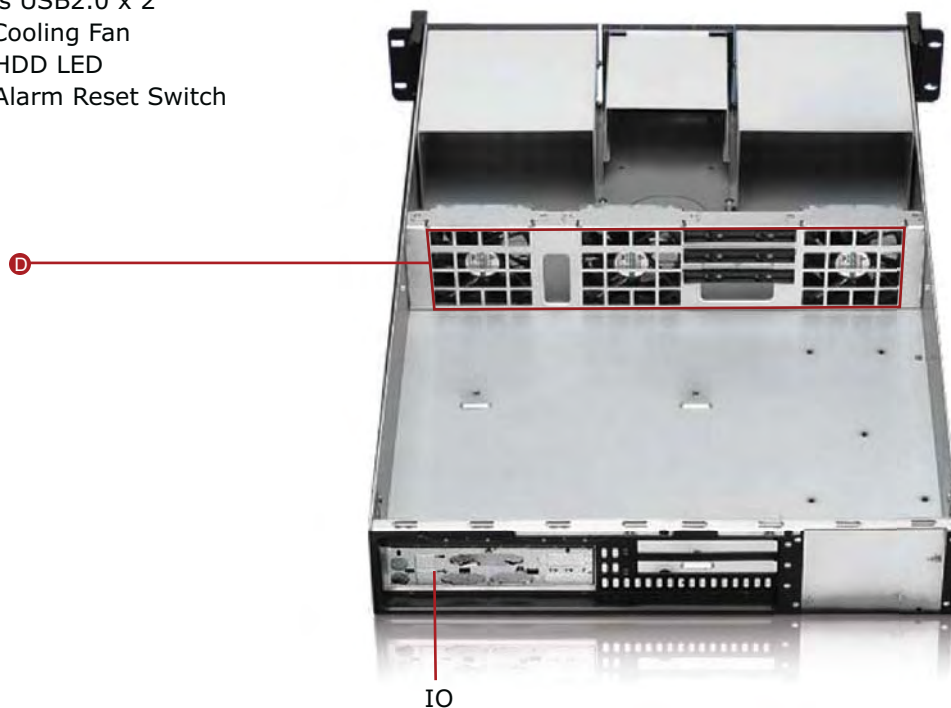


### INTRODUCTION

The redesigned D3-200L chassis is unique and compact. It features four 5.25" and two 3.5" open bays design to allow maximum configurability and performance. D3-200L is capable of mix and match optical and storage device with multiple I/O interface. It can be custom build to support application from mail, firewall, and web-server to Data, DVR, and archive server. The 3 PCI cut-outs support PCI, PCI 64bits, AGP, and PCI-Express add on cards. D3-200L is a well designed and flexible rackmount chassis.

### FEATURES

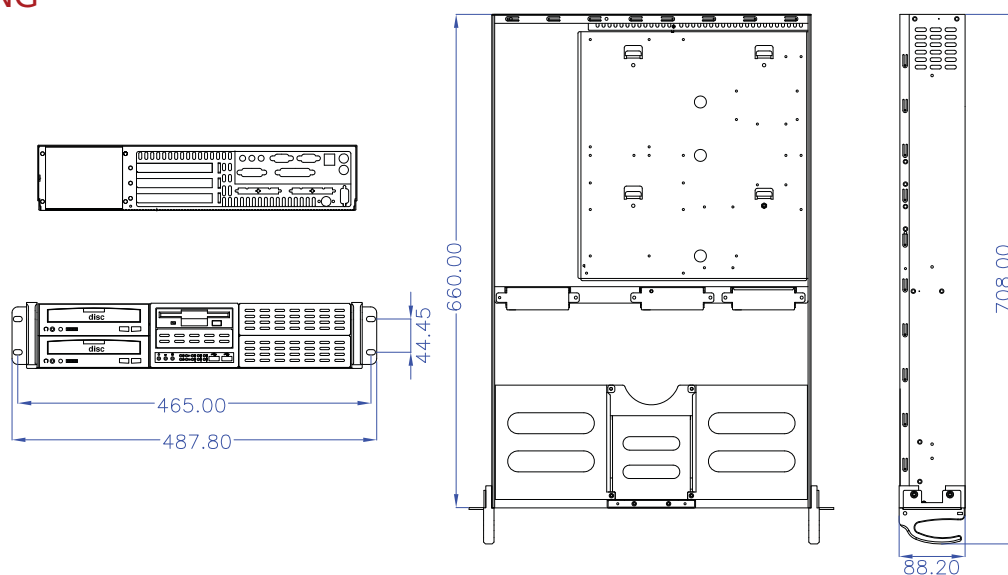
- Ⓐ 32bit PCI Riser Card x 3 / Optional PCI x 2 + AGP 4 x x 1
- Ⓑ Optional Aluminum Chassis
- Ⓒ Front Access USB2.0 x 2
- Ⓓ 80mm x 3 Cooling Fan
- Ⓔ Power and HDD LED
- Ⓕ Power and Alarm Reset Switch





# D3-200L

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D3-200L</b>	<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI
<b>RoHS Compliance Version</b>	Yes	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Standard Drive Bays</b>	5.25" Drive: 4 3.5" Drive: 2	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Cooling Fan</b>	3 x 80mm	<b>Color of Main Chassis</b>	Black
<b>Mainboard Size [inch]</b>	12 x 13	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Dimensions (WxHxD)</b>	19 x 3.5 x 27.1 inch
<b>Speaker</b>	0.4W Built-In	<b>Switches</b>	Power ON/OFF, System & Alarm Reset

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>RP-HDD3.5</b>	N/A
<b>BPU-230SATA</b>	154	<b>DD-Fan60</b>	162
<b>T-7</b>	158	<b>TC-iStorm7/8</b>	160
<b>TC-Rail-24/26</b>	160		

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-2U/35</b>	350W	220
<b>TC-2U/40</b>	400W	220
<b>TC-2U/46</b>	460W	220
<b>TC-2U/55P</b>	550W	222
<b>TC-350R2U</b>	350W	214
<b>TC-400R2U</b>	400W	214
<b>TC-500S2U</b>	500W	216

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# D3-300L

## 3U Config-Optimized Rackmount Chassis

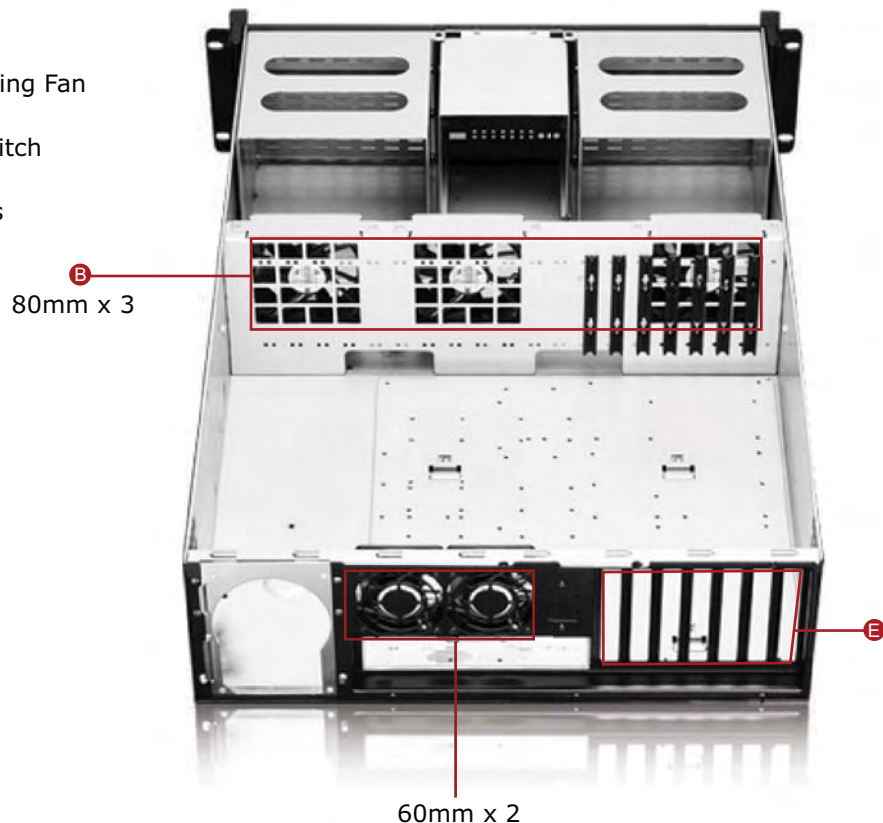


### INTRODUCTION

The redesigned D3-300L incorporates high flexibility and high availability in a 3U form factor. It features six 5.25" and three 3.5" bays for custom configuration of virtually any application. Whether it's web server, high performance super computing, or database server, D3-300L can accommodate the thermal requirement and drive storage needs. The 7 PCI slots support PCI, PCI 64bits, AGP, and PCI-Express add-on cards which enable expansion and upgrades for specialized functions and tasks. D3-300L is spacious and yet packed in with many possibilities.

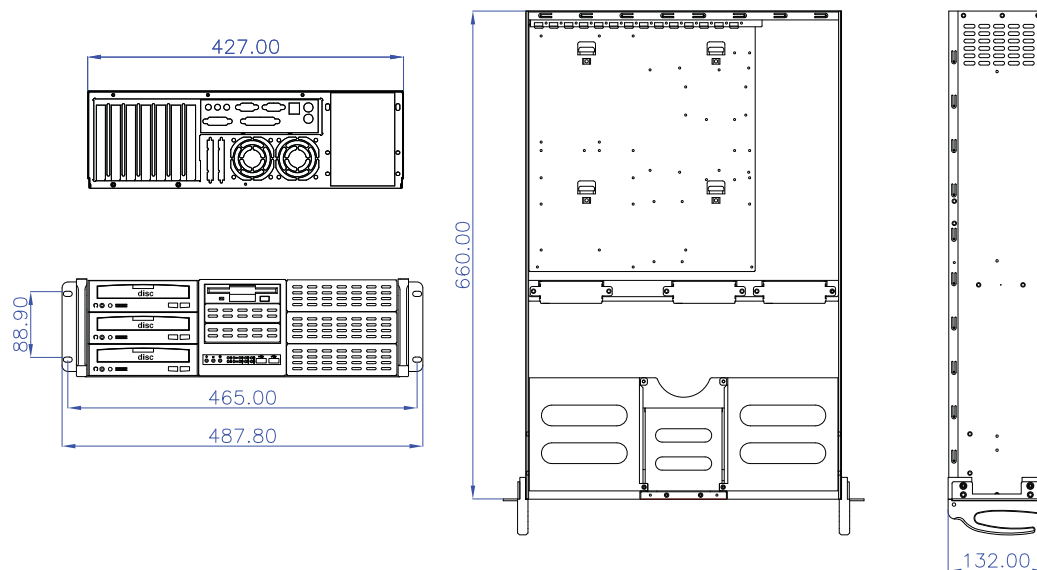
### FEATURES

- Ⓐ Front Access USB2.0 x 2
- Ⓑ 80mm x 3, 60mm x 2 Cooling Fan
- Ⓒ Power and HDD LED
- Ⓓ Power and Alarm Reset Switch
- Ⓔ 7 Slots Backplane
- Ⓕ Optional Aluminum Chassis



# D3-300L

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D3-300L</b>	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>RoHS Compliance Version</b>	Yes	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Standard Drive Bays</b>	5.25" Drive: 6 3.5" Drive: 3	<b>Color of Main Chassis</b>	Black
<b>Cooling Fan</b>	3 x 80mm, 2 x 60mm	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
<b>Mainboard Size [inch]</b>	12 x 13	<b>Dimensions (WxHxD)</b>	19 x 5.25 x 27.1 inch
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>Speaker</b>	0.4W Built-In		

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>BPU-340SATA</b>	155
<b>BPU-230SATA</b>	154	<b>DD-Fan60/80</b>	162-163
<b>RP-HDD3.5</b>	N/A	<b>T-7</b>	158
<b>TC-iStorm7/8</b>	160	<b>TC-Rail-24/26</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-3U/30</b>	350W	224
<b>TC-3U/40</b>	400W	224
<b>TC-3U/46</b>	460W	224
<b>TC-350/400/460R2U</b>	350/400/460W	214
<b>TC-2U/55P</b>	550W	222

:: Specification and wiring diagram subject to change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007





# D3-400L

## 4U Config-Optimized Rackmount Chassis

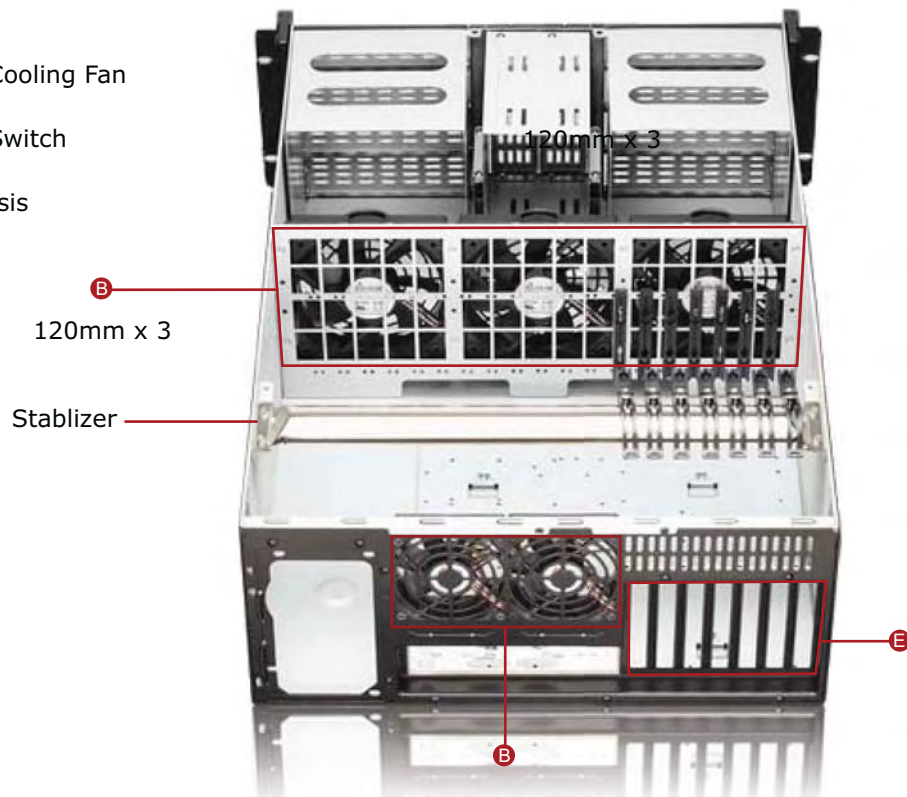


### INTRODUCTION

The redesigned D3-400L incorporates high flexibility and high availability in a 4U form factor. It features ten 5.25 bays for custom configuration system. From high density Raid storage, Data center server to high performance super computing, D3-400L can handle them all. The 7 PCI slots support PCI, PCI 64bits, AGP, and PCI-Express add-on cards for additional expansion and upgrades. Exceptionally designed 120mm hot-swappable fan thermal solution provides superior system cooling. D3-400L is a high scalable and multi-functional rackmount chassis.

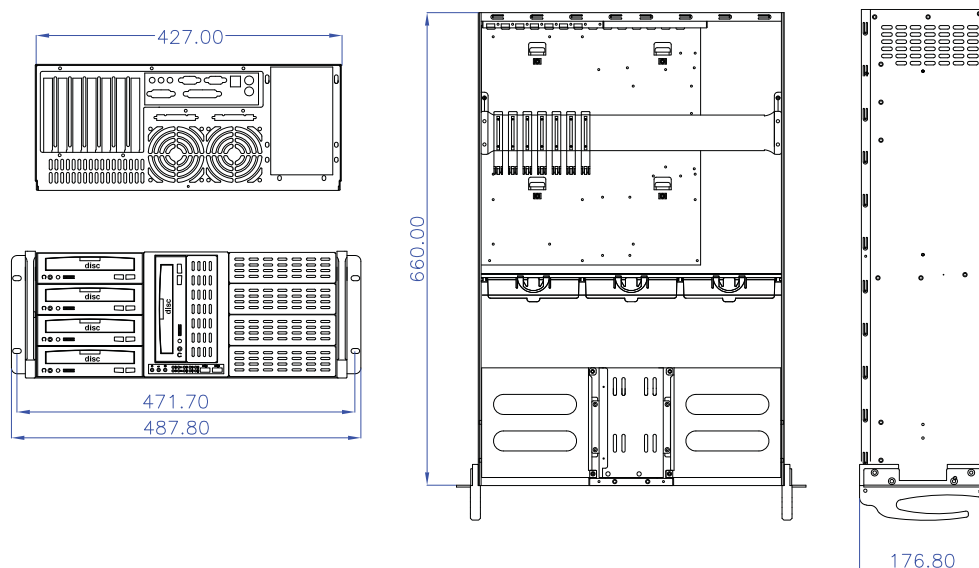
### FEATURES

- Ⓐ Front Access USB2.0 x 2
- Ⓑ 120mm x 3, 80mm x 2 Cooling Fan
- Ⓒ Power and HDD LED
- Ⓓ Power and Alarm Reset Switch
- Ⓔ 7 Slots Backplane
- Ⓕ Optional Aluminum Chassis



# D3-400L

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D3-400L</b>	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>RoHS Compliance Version</b>	Yes	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Standard Drive Bays</b>	5.25" Drive: 10	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Cooling Fan</b>	3 x 120mm, 2 x 80mm	<b>Color of Main Chassis</b>	Black
<b>Mainboard Size [inch]</b>	12 x 13	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Dimensions (WxHxD)</b>	19 x 7 x 27.1 inch
<b>Speaker</b>	0.4W Built-In		

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>BPU-230SATA</b>	154
<b>BPU-340SATA</b>	155	<b>DD-Fan80</b>	63
<b>RP-HDD3.5</b>	N/A	<b>T-7</b>	158
<b>TC-iStorm7/8</b>	160	<b>TC-Rail-24/26</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210	:: Specification and wiring diagram subject to change without notice :: Limited Life Time Warranty :: Last Update: Oct/2007		
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			



# D4-200-FS

## 2U Compact Stylish Rackmount Chassis

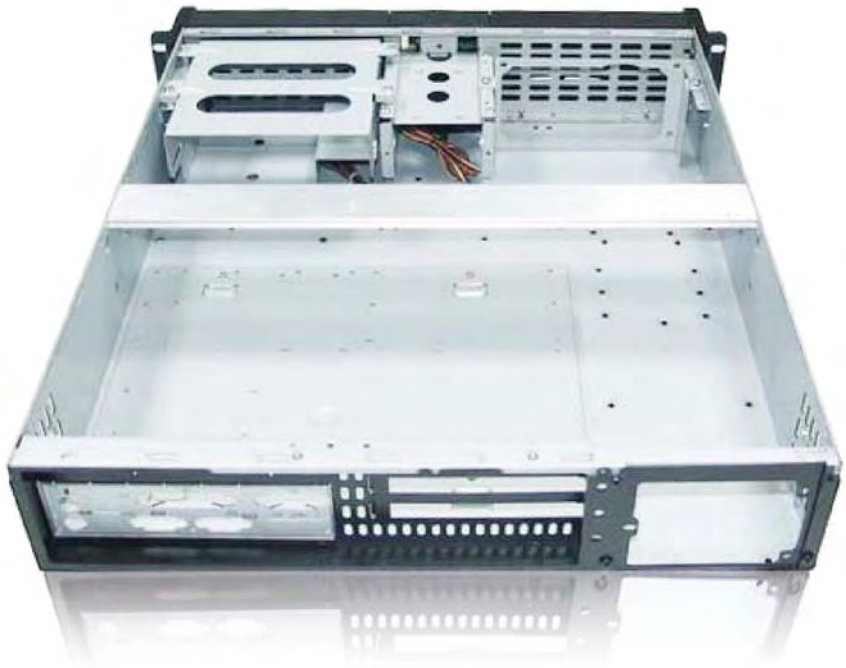


### ■ INTRODUCTION

The D4-200-FS brings compact and power into balance for 2U rackmount chassis. Compact 2U that is compatible with standard ATX power supply supports system with high power needs. D4-200-FS has total of three 3.5 drive storage that supports RAID 1/0/1+0/5 configuration as well as one 5.25 drive bay space for optical or hot-swap device. Enforced power supply cooling and 2x80mm ball-bearing fans ensure system optimal performance. Optional 6 slots low-profile backplane supports additional expansion cards.

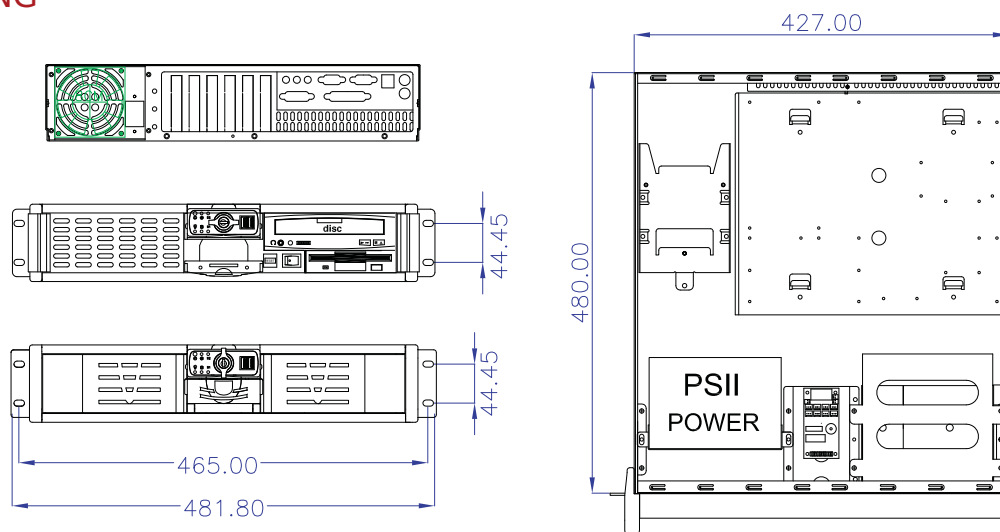
### ■ FEATURES

- Ⓐ 3 Way Aluminum Front Panel
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 80mm x 2 Cooling Fan
- Ⓓ Power and HDD LED
- Ⓔ Power and Alarm Reset Switch
- Ⓕ Removable Air Filter
- Ⓖ Front Mount ATX Power Supply
- Ⓖ Optional 6 Slots Backplane
- Ⓗ Optional Aluminum Chassis



# D4-200-FS

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D4-200-FS</b>	<b>Expansion Slots</b>	Standard: 3 x PCI 32bit Optional: 1 x AGP, 2 x PCI
<b>RoHS Compliance Version</b>	Yes	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Standard Drive Bays</b>	5.25" Drive: 1 3.5" Drive: 1 3.5" Drive [Internal]: 2	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Cooling Fan</b>	2 x 80mm	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Mainboard Size [inch]</b>	12 x 10	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
<b>Security</b>	Front Bezel	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>Air Filter</b>	Removable & Washable	<b>Dimensions (WxHxD)</b>	19 x 3.5 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-200-DR/DS/DBLue/DG</b>	N/A
<b>DD-200-32bit/64bit/AGP/AGP Pro</b>	10-11	<b>DD-Fan60</b>	162
<b>RP-HDD3.5</b>	N/A	<b>T-7</b>	158
<b>TC-Rail-20/24/26</b>	160	<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# D4-300-FS

3U Compact Stylish Rackmount Chassis



## INTRODUCTION

The D4-300-FS incorporates performance and capacity in a 3U form factor. It features two 5.25 and six 3.5 bays for high density storage application. Whether it's web server or database server, D4-300-FS can accommodate the thermal requirements of dual processor and Raid drive storage needs. The 7 PCI slots support PCI, PCI 64bits, AGP, and PCI-Express add-on cards which enable future upgrades for customized functions and application needs. D4-300-FS is a cost effective chassis for data and storage server.

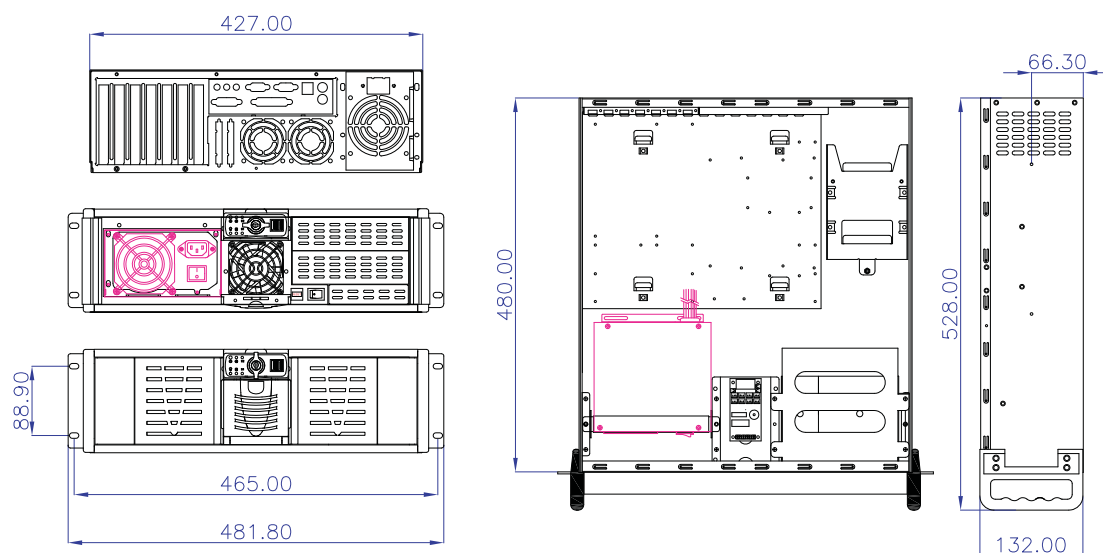
## FEATURES

- Ⓐ 3 Way Aluminum Front Panel with Locks
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 60mm x 2 Cooling Fan
- Ⓓ Power and HDD LED
- Ⓔ Power and Alarm Reset Switch
- Ⓕ Front Mount ATX Power Supply
- Ⓖ Removable Air Filter
- Ⓗ 7 Slots Backplane
- Ⓘ Optional Aluminum Chassis



# D4-300-FS

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D4-300-FS</b>	<b>Expansion Slots</b>	Standard: 7 x PCI 32bit
<b>RoHS Compliance Version</b>	Yes	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Standard Drive Bays</b>	5.25" Drive: 2 3.5" Drive: 1 3.5" Drive [Internal]: 5	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Cooling Fan [Option]</b>	2 x 60mm [1 x 60mm]	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Mainboard Size [inch]</b>	12 x 10	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
<b>Security</b>	Front Bezel	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>Air Filter</b>	Removable & Washable	<b>Dimensions (WxHxD)</b>	19 x 5.25 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-300-DR/DS/DBlue/DG</b>	N/A
<b>T-7</b>	158	<b>DD-Fan60/80</b>	162-163
<b>TC-iStorm7/8</b>	160	<b>TC-Rail-20/24/26</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-580/620PD3</b>	580/620W	232

:: Specification and wiring diagram subject to change without notice

:: Limited Life Time Warranty

:: Last Update: Oct/2007



# D4-400-6

## 4U Compact Stylish Rackmount Chassis



### INTRODUCTION

D4-400-6 is stylish and optimized to provide more space and functionality for a 4U rackmount chassis. Three way aluminum front bezel design and six 5.25 drive bays enable optical drive or tape and media mass storage device. There is also four 3.5 drive bays space that support Raid 1/0/5 configuration.

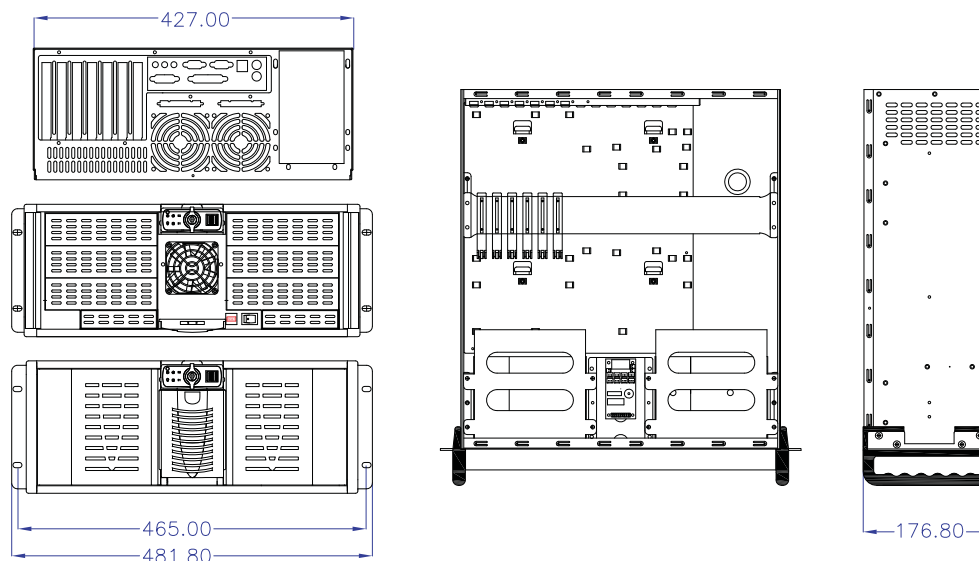
### FEATURES

- Ⓐ 3 Way Aluminum Front Panel with Locks
- Ⓑ Front Access USB2.0 x 2
- Ⓒ 80mm x 1, 1 x 60mm Cooling Fan
- Ⓓ Power and HDD LED
- Ⓔ Power and Alarm Reset Switch
- Ⓕ 7 Slots Backplane
- Ⓖ Removable Air Filter
- Ⓗ Optional Aluminum Chassis



# D4-400-6

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>D4-400-6</b>	<b>Expansion Slots</b>	Standard: 7 x PCI 32bit
<b>RoHS Compliance Version</b>	Yes	<b>Material of Front Bezel</b>	Aluminum Alloy
<b>Standard Drive Bays</b>	5.25" Drive: 6 3.5" Drive: 2	<b>Material of Handle</b>	SECC Zinc-Coated Steel
<b>Cooling Fan [Option]</b>	1 x 80mm, 1 x 60mm [1 x 80mm]	<b>Material of Main Chassis</b>	1.2mm SECC Zinc-Coated Steel [Japan Made]
<b>Mainboard Size [inch]</b>	12 x 10	<b>Color of Front Bezel</b>	Black/Red/Blue/Silver/Gold
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>Security</b>	Front Bezel	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
<b>Air Filter</b>	Removable & Washable	<b>Dimensions (WxHxD)</b>	19 x 7 x 20.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>DD-400-DR/DS/DBLue/DG</b>	N/A
<b>BPU-230/340SATA</b>	154/155	<b>DD-Fan80</b>	163
<b>RP-HDD3.5</b>	N/A	<b>T-7</b>	158
<b>TC-iStorm7/8</b>	160	<b>TC-Rail-20/24/26</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-300/400/500R8A</b>	300/400/500W	210	:: Specification and wiring diagram subject to change without notice :: Limited Life Time Warranty :: Last Update: Oct/2007		
<b>TC-350/400/500PD1</b>	350/400/500W	230			
<b>TC-600/700R3N</b>	600/700W	212			
<b>TC-580/620PD3</b>	580/620W	232			





# E-30

## 3U Military Rackmount Chassis

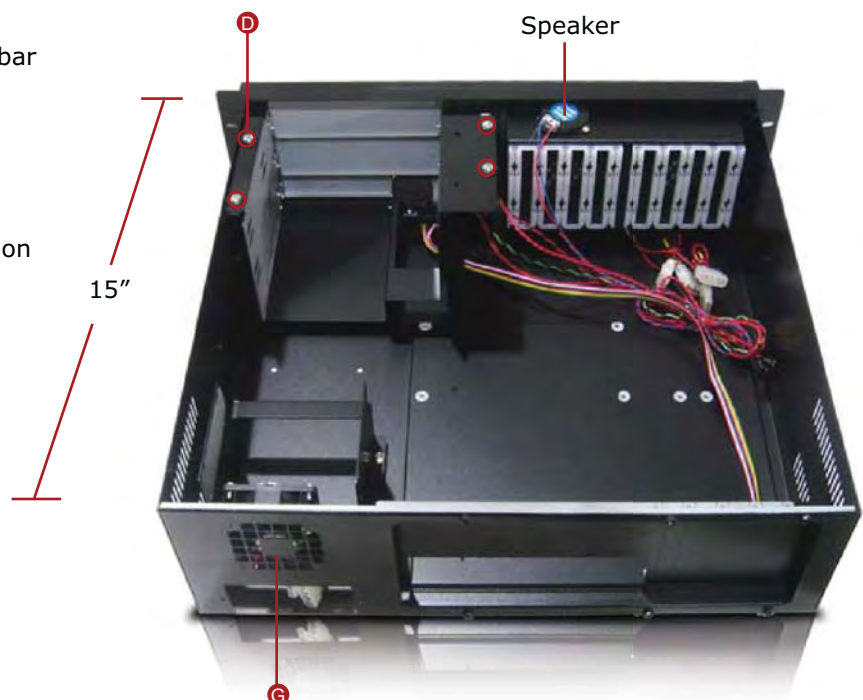


### ■ INTRODUCTION

iStarUSA Military E-30 rackmount chassis is designed to withstand the toughest and compact environment. E-30 is 3U height with only 15" in depth and has special features of front USB access, ball-bearing cooling fan, and system sensor board to enhance functionality and usability for critical missions and applications.

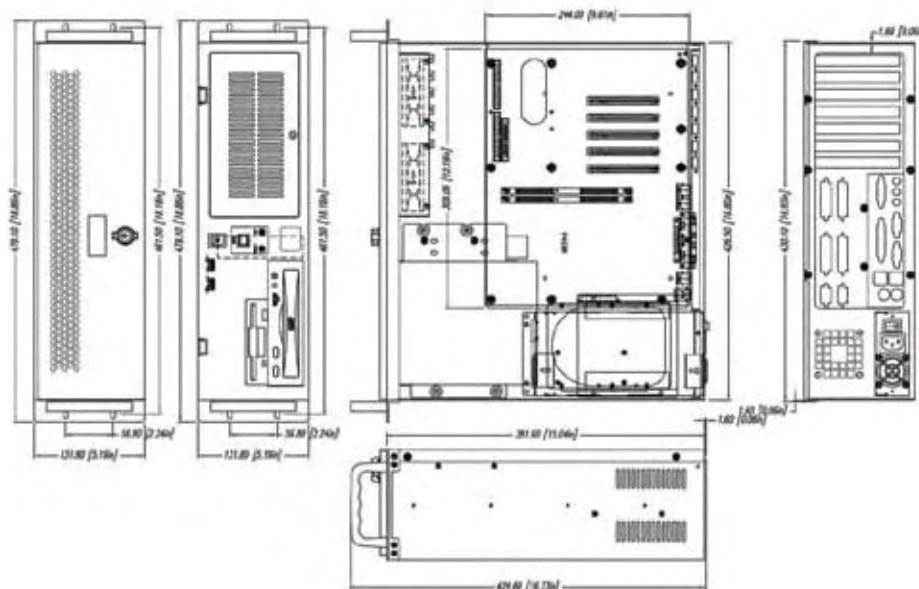
### ■ FEATURES

- Ⓐ Compact 3U Rackmount 15" Depth
- Ⓑ 1.6mm Steel Body Chassis
- Ⓒ Spill-proof Bezel with Lock
- Ⓓ Shock Absorbing Drive Cage
- Ⓔ Expansion Card Center Lock Crowbar
- Ⓕ Front Access USB 2.0 x 2
- Ⓖ 60mm x 2, 40mm x 1 Cooling Fan
- Ⓗ Power and HDD LED
- Ⓘ Power and Alarm Reset Switch
- Ⓙ Removable Air Filter
- Ⓚ Fan and Temperature Monitor Option



## E-30

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	E-30	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>RoHS Compliance Version</b>	Yes	<b>Material of Front Bezel</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Standard Drive Bays</b>	5.25" Drive: 1 3.5" Drive: 1 3.5" Drive [internal]: 1	<b>Material of Handle</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Cooling Fan</b>	2 x 60mm, 1 x 40mm	<b>Material of Main Chassis</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 10	<b>Color of Front Bezel</b>	Black
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
<b>Security</b>	Front Bezel	<b>Dimensions (WxHxD)</b>	18.88 x 5.19 x 15 inch
<b>Air Filter</b>	Removable & Washable		

## OPTIONAL ACCESSORIES

Model Number	Page
RP-COMBO-SLIM	N/A
RP-HDD3.5	N/A
TC-iStorm7/8	160
T-7	158

Model Number	Page
BPU-230SATA	154
DD-Fan60	162
TC-Rail-20/24/26	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
CP-01025	250W	N/A
CP-01035	350W	N/A
CP-01040	400W	N/A

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# E-40

## 4U Military Rackmount Chassis

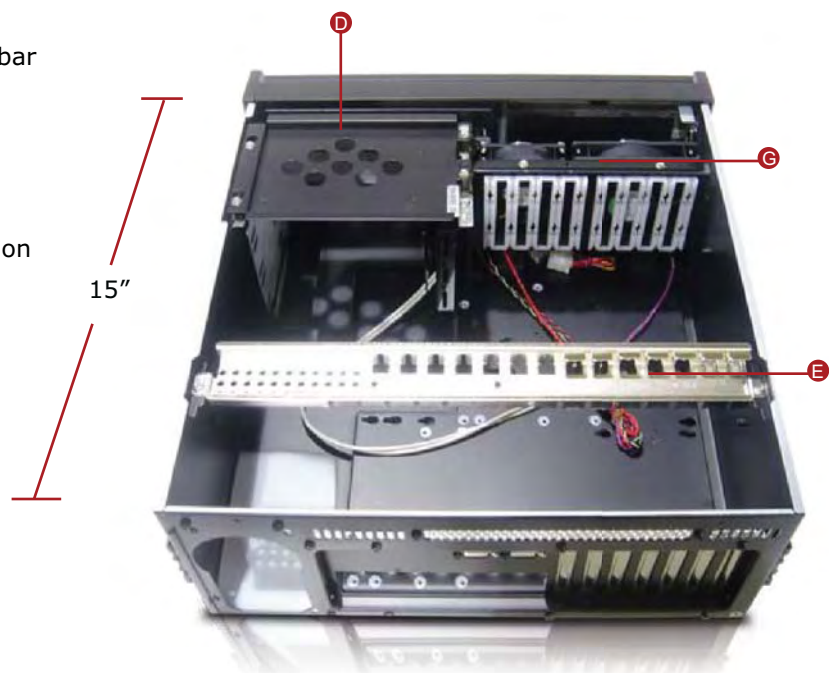


### INTRODUCTION

iStarUSA Military E-40 rackmount chassis is designed to withstand the toughest and compact environment. E-40 is 4U height with only 15" in depth and has special features of front USB access, ball-bearing cooling fan, and system sensor board to enhance functionality and usability for critical missions and applications.

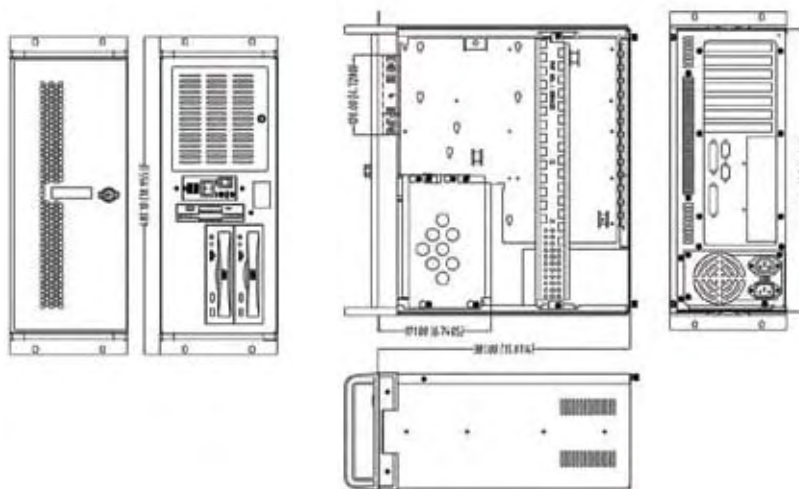
### FEATURES

- A Compact 4U Rackmount 15" Depth
- B 1.6mm Steel Body Chassis
- C Spill-proof Bezel with Lock
- D Shock Absorbing Drive Cage
- E Expansion Card Center Lock Crowbar
- F Front Access USB 2.0 x 1
- G 120mm x 1 Cooling Fan
- H Power and HDD LED
- I Power and Alarm Reset Switch
- J Removable Air Filter
- K Fan and Temperature Monitor Option
- L Optional 14 Slots Backplane



# E-40

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	E-40	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>RoHS Compliance Version</b>	Yes	<b>Material of Front Bezel</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Standard Drive Bays</b>	5.25" Drive: 2 3.5" Drive [internal]: 1	<b>Material of Handle</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Cooling Fan [Option]</b>	1 x 120mm	<b>Material of Main Chassis</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 10	<b>Color of Front Bezel</b>	Black
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Front Connector</b>	Front USB 2.0 x 2 Connector
<b>Security</b>	Front Bezel	<b>Dimensions (WxHxD)</b>	18.95 x 6.97 x 15 inch
<b>Air Filter</b>	Removable & Washable		

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
RP-COMBO-SLIM	N/A	DD-400-DR/DS/DBLue/DG	N/A
RP-HDD3.5	N/A	DD-Fan80	163
TC-iStorm7/8	160	TC-Rail-20/24/26	160
T-7	158	BPU-230/340SATA	154/155

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
TC-300/400R8	300/400W	208	TC-600/650/700/750PD2	600/650/700/750W	234
TC-300/400/500R8A	300/400/500W	210	CP-01025/35/40	250/350/400W	N/A
TC-350/400/500PD1	350/400/500W	230	:: Specification and wiring diagram subject to change without notice :: Limited Life Time Warranty :: Last Update: Oct/2007		
TC-600/700R3N	600/700W	212			
TC-580/620PD3	580/620W	232			





# E-4000

## 4U Military Rackmount Chassis

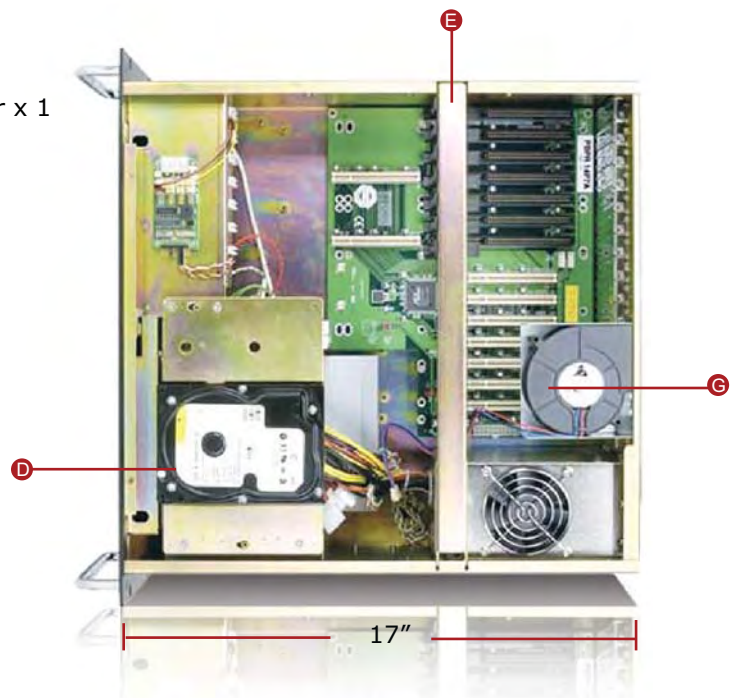


### INTRODUCTION

Ultra strong and compact for rugged environment and critical application. iStarUSA introduces the E-4000 military grade rackmount chassis. The E-4000 is designed to perform military operations or industrial applications that require spill proof and high impact strength enclosure. Exceptional designed shock absorbing drive cage, cooling ventilation system, and total depth of 17.8 are the most versatile and tough rackmount chassis on the market.

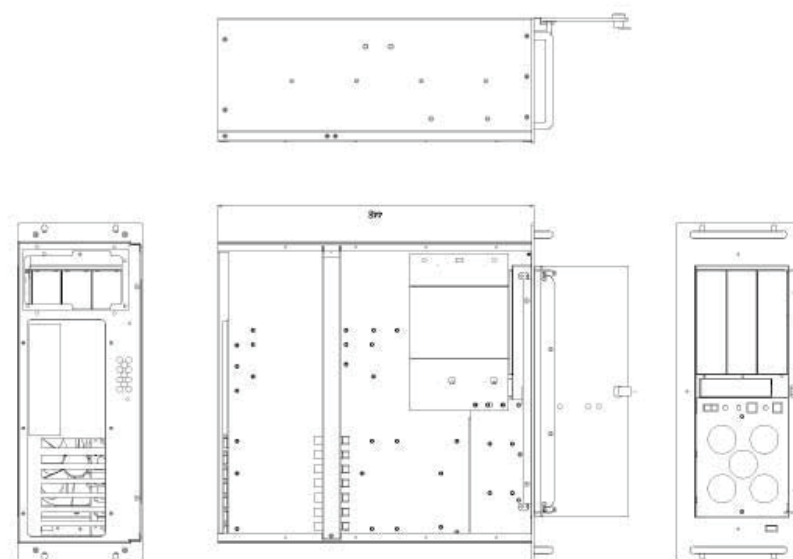
### FEATURES

- Ⓐ Compact 4U Rackmount 17" Depth
- Ⓑ 1.6mm Steel Body Chassis
- Ⓒ Spill-proof Bezel with Lock
- Ⓓ Shock Absorbing Drive Cage
- Ⓔ Expansion Card Center Lock Crowbar
- Ⓕ Front Access USB 2.0 x 1
- Ⓖ 120mm x 1 Cooling Fan + Optional 80mm Blower x 1
- Ⓗ Power and HDD LED
- Ⓘ Power and Alarm Reset Switch
- ⓵ Removable Air Filter



# E-4000

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>E-4000</b>	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>RoHS Compliance Version</b>	Yes	<b>Material of Front Bezel</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Standard Drive Bays</b>	5.25" Drive: 3 3.5" Drive: 1 3.5" Drive [internal]: 1	<b>Material of Handle</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Cooling Fan [Option]</b>	1 x 120mm [1 x 80mm Blower]	<b>Material of Main Chassis</b>	Military Type -1.6mm SECC Zinc-Coated Steel
<b>Mainboard Size [inch]</b>	12 x 13	<b>Color of Front Bezel</b>	Black
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Main Chassis</b>	Black
<b>Speaker</b>	0.4W Built-In	<b>Front Connector</b>	Front USB 2.0 x 1 Connector
<b>Security</b>	Front Bezel	<b>Dimensions (WxHxD)</b>	19 x 7 x 17.8 inch
<b>Air Filter</b>	Removable & Washable		

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>RP-COMBO-SLIM</b>	N/A	<b>RP-E4000/80BLOWER</b>	N/A
<b>RP-HDD3.5</b>	N/A	<b>DD-Fan60</b>	162
<b>TC-iStorm7/8</b>	160	<b>TC-Rail-20/24/26</b>	160
<b>T-7</b>	158	<b>BPU-230SATA</b>	154

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-580/620PD3</b>	580/620W	232

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# S-3

## Compact Stylish Mini-ITX Enclosure

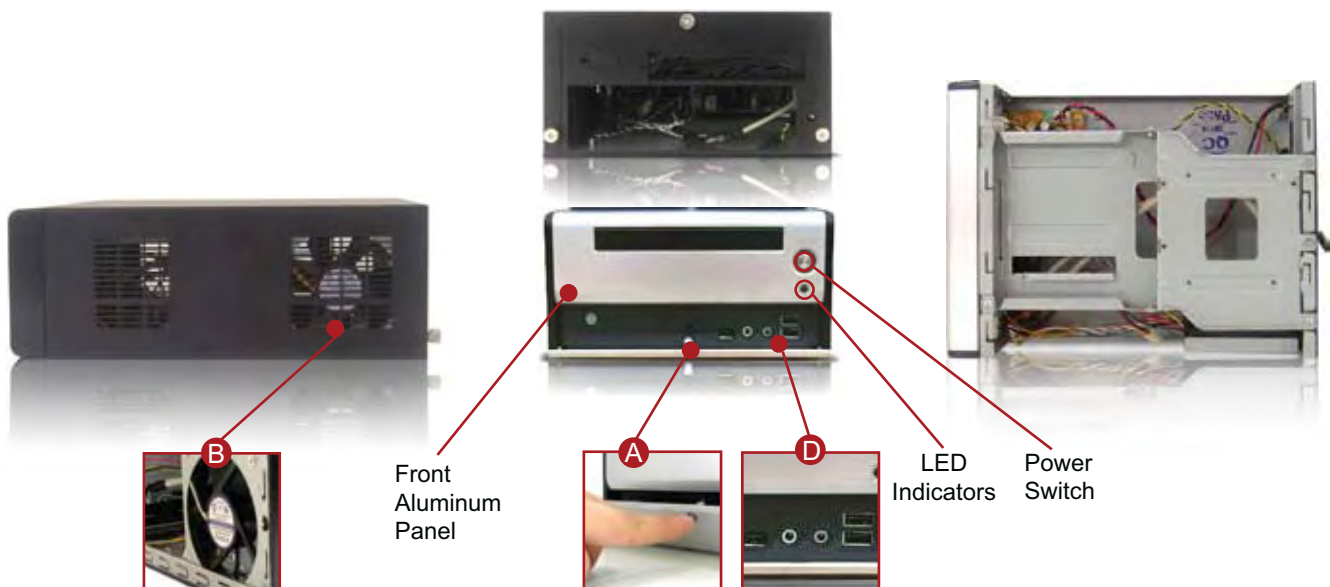


### INTRODUCTION

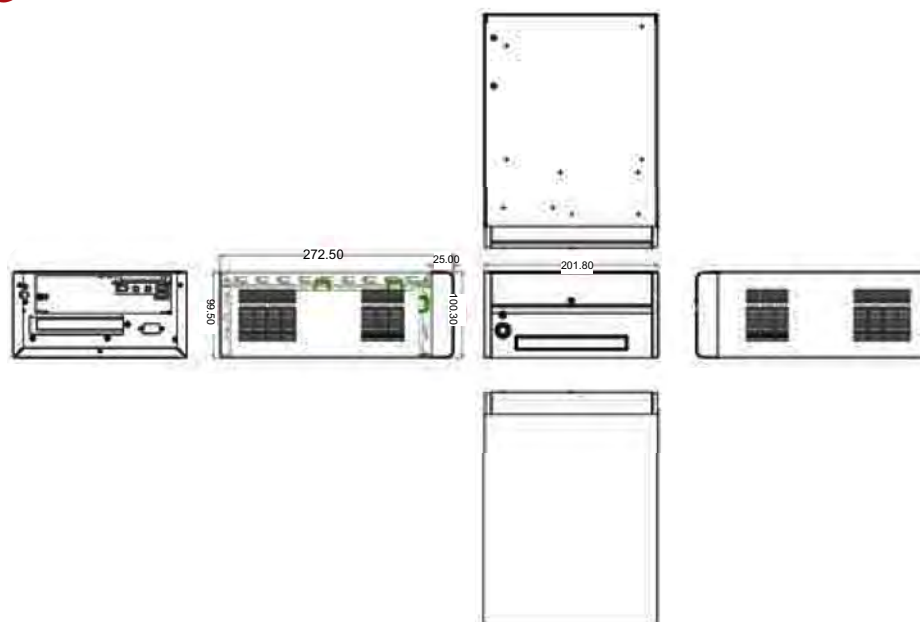
iStarUSA new S-3 series offers both extreme performance & high capacity in a lightweight and compact aluminum-alloy enclosure. The S-3 Series proves that it is possible to build an enclosure for entertainment or industrial field. The aluminum front panel is crafted to achieve a generous feeling of substance by minimizing gaps and holes. Everything is either covered or hidden to make sure the look is as clean. It has one flush fitting door to cover all the front access I/O ports and drives. A system built with the S-3 will look great at all times even if it is not in use. The S-3 is compatible with the full range of Mini-ITX motherboards (17cmx17cm)

### FEATURES

- Ⓐ Smooth Aluminum Front Panel with Contemporary Touch
- Ⓑ Next Generation Cooling Performance
- Ⓒ Outstanding Potential for Silent Operation
- Ⓓ Conveniently Located Front I/O Ports
- Ⓔ Strategically Placed Side Ventilation Aid in Cooling



## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>S-3</b>	<b>Switches</b>	Power and Reset
<b>RoHS Compliance Version</b>	Yes	<b>Indicators</b>	Power and HDD Activity
<b>Standard Drive Bays</b>	3.5"/2.5" Drive: 1, Slim CD Drive: 1	<b>Material of Front Bezel</b>	Aluminum
<b>Cooling Fan</b>	1 x 80mm	<b>Material of Main Chassis</b>	SECC Steel
<b>Mainboard Size [inch]</b>	6.7 x 6.7	<b>Accessories Included</b>	Assembly Kit, 2.5" HDD Cable, Slim-Optical Converter, Compact ATA Cable
<b>Expansion Slots</b>	1 x PCI32 Through a Riser Card [Optional]	<b>Power Supply</b>	80W AC/DC Adapter
<b>Front Connector</b>	USB2.0 x2, Audio, FireWire (IEEE1394)	<b>Dimensions (WxHxD)</b>	7.9 x 3.8 x 10.7 inch

## POWER SUPPLY

<b>Input Voltage</b>	<b>11.4 ~ 12.6V DC</b>	<b>MTBF</b>	150k Hours at Full Load 25°C
<b>+3.3V</b>	Min: 0.1A / Max: 7.0A	<b>Dimensions ( W x H x D )</b>	160 x 15 x 45mm
<b>+5V</b>	Min: 1.0A / Max: 7.0A	<b>Cables Included</b>	1 x 20-pin ATX/ 2 x 4-pin device/ 1 x FDD power
<b>+12V</b>	Min: 0.5A / Max: 2.0A	<b>Adapter Input</b>	100~240V AC, 47~63Hz, 1.2A RMS(Max)
<b>-12V</b>	Max: 0.1A	<b>Adapter Output</b>	12V DC, 6.6A(Max)
<b>+5Vsb</b>	Max: 1.0A		
<b>+5V/ +3.3V Combined Output Power</b>	Max: 50W		

:: Specification and wiring diagram subject to change without notice

:: Limited Life Time Warranty

:: Last Update: Oct/2007





# S-8

## Home Entertainment ATX Tower



### INTRODUCTION

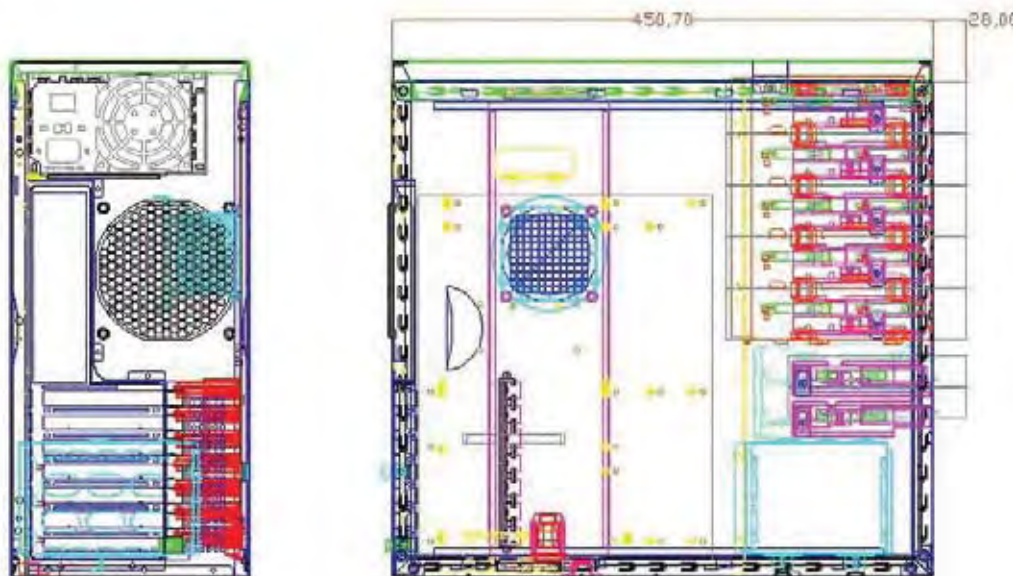
S-8 ATX chassis provides modern life style with more capability. Modest and essential for home entertainment center, office PC, and personal workstation. Large drive and storage capacity can install 5 optical device and up to 5 disk drives. Easy front panel I/O design with USB, firewire, and audio ports access to connect external devices, whether it's DVD entertainment, music storage, or file sharing and backup, S-8 is a multimedia ready chassis. S-8 is also very suitable in office productivity and personal workstation that require reliability and performance. Excellent thermal solution meets CAG 1.1 standard and tool-less screws and cage design provide convenient install, upgrade, and maintain. S-8 also supports iStarUSA redundant power supply that keep system running without any interruptions.

### FEATURES

- Ⓐ Tool-less Thumb Screws
- Ⓑ Front Access I/O Panel
- Ⓒ Meet CAG1.1 Intel Thermal Standard
- Ⓓ Aluminum Dash Plate
- Ⓔ Optional iStarUSA Mini Redundant Power Supply



## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>S-8</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	5.25" Drive: 5 3.5" Drive: 2 3.5" Drive [internal]: 3
<b>Cooling Fan [Option]</b>	[2x120mm]
<b>Mainboard Size [inch]</b>	12 x 10
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm
<b>Speaker</b>	0.4W Built-In

<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>Material of Front Bezel</b>	Aluminum Parts
<b>Material of Main Chassis</b>	0.8/0.6 SECC/SGCC
<b>Color of Front Bezel</b>	Black
<b>Color of Main Chassis</b>	Black
<b>Front Connector</b>	USB 2.0 x 2 Connector 1 x IEEE1394, 1 x Line Out, 1 x Microphone
<b>Dimensions (WxHxD)</b>	8.2 x 17.8 x 20.2 inch

## OPTIONAL ACCESSORIES

Model Number	Page
<b>BPU-230SATA</b>	154
<b>DD-Fan80</b>	163
<b>T-7</b>	158

Model Number	Page
<b>BPU-340SATA</b>	155
<b>RP-HDD3.5</b>	N/A
<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208
<b>TC-300/400/500R8A</b>	300/400/500W	210
<b>TC-580/620PD3</b>	580/620W	232

Model Number	Output	Page
<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# S-10000

## High Performance Professional ATX Tower



### ■ INTRODUCTION

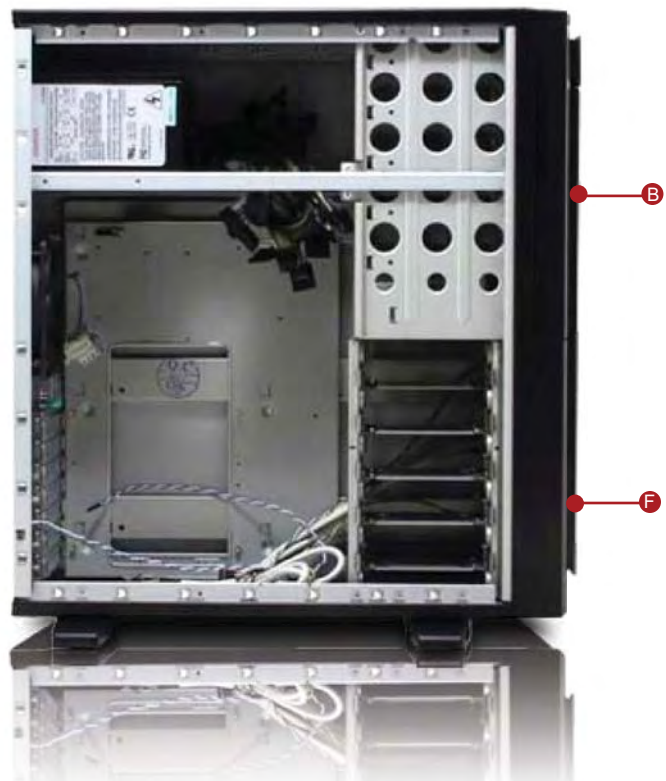
A combination of style and performance is the feature of S-10000 workstation/server chassis. It is uniquely designed for IT professional and enterprise level application. Tool-less design of the S-10000 helps system builder or technician to install, maintain, or upgrade components. Excellent thermal solution meets FMB2.0 and CAG 1.1 which supports the latest CPU. The five HDD cages support high density storage or Raid application. Easy access Front I/O panel and sliding aluminum front bezel door is people friendly and can be customized to enhance product image.

### ■ FEATURES

- Ⓐ Tool-less Thumb Screws
- Ⓑ Lockable Sidepanel
- Ⓒ Sliding Front Bezel
- Ⓓ Removable HDD Trays
- Ⓔ Revolving I/O Connectors
- Ⓕ Flip-Open Cover for Optical Devices
- Ⓖ Optional LED Light



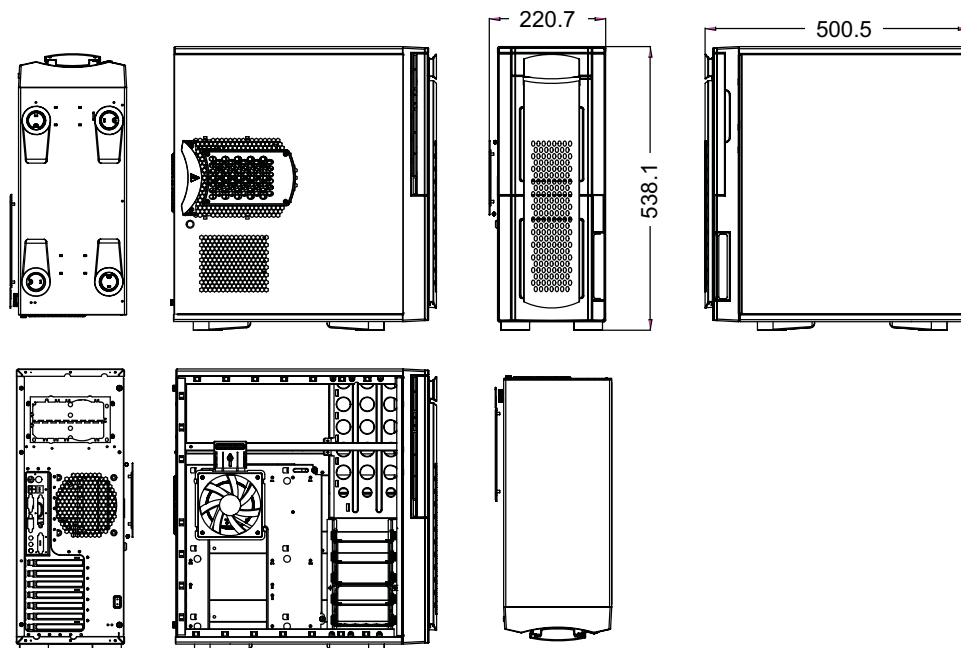
Accessories





# S-10000

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>S-10000</b>	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	5.25" Drive: 5 3.5" Drive: 2 3.5" Drive [internal]: 5	<b>Security</b>	Front Bezel
<b>Cooling Fan [Option]</b>	1x120mm [1x120mm]	<b>Material of Front Bezel</b>	Aluminum
<b>Mainboard Size [inch]</b>	12 x 10	<b>Material of Main Chassis</b>	1.0mm SECC/SGCC
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Front Bezel</b>	Black/Silver
<b>Speaker</b>	0.4W Built-In	<b>Color of Main Chassis</b>	Black/Silver
		<b>Front Connector</b>	USB 2.0 x 2 Connector 1 x IEEE1394, 1 x Line Out, 1 x Microphone
		<b>Dimensions (WxHxD)</b>	8.2 x 21.3 x 19.2 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>BPU-230SATA</b>	154	<b>BPU-340SATA</b>	155
<b>DD-Fan80</b>	163	<b>RP-HDD3.5</b>	N/A
<b>T-7</b>	158	<b>TC-iStorm7/8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-300/400/500R8A</b>	300/400/500W	210	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-580/620PD3</b>	580/620W	232			
<b>TC-600/700R3N</b>	600/700W	212			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# S-10000L

## High Performance Professional EATX Tower



### ■ INTRODUCTION

A combination of style and performance is the feature of S-10000L workstation/server chassis. It is uniquely designed for IT professional and enterprise level application. Tool-less design of the S-10000L helps system builder or technician to install, maintain, or upgrade components. Excellent thermal solution meets FMB2.0 and CAG 1.1 which supports the latest CPU. The five HDD cages support high density storage or Raid application. Easy access Front I/O panel and sliding aluminum front bezel door is people friendly and can be customized to enhance product image.

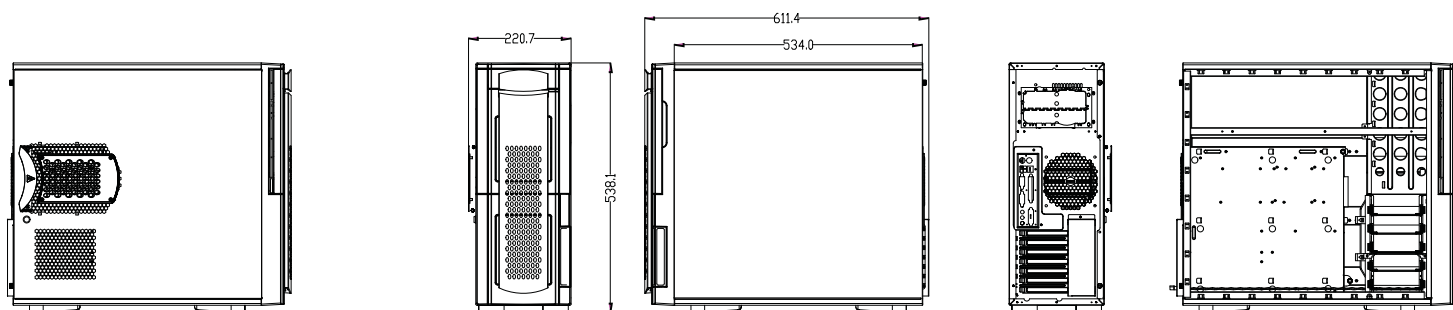
### ■ FEATURES

- Ⓐ Tool-less Thumb Screws
- Ⓑ Lockable Sidepanel
- Ⓒ Sliding Front Bezel
- Ⓓ Removable HDD Trays
- Ⓔ Revolving I/O Connectors
- Ⓕ Flip-Open Cover for Optical devices
- Ⓖ Optional LED Light



## S-10000L

## ■ DRAWING



## ■ SPECIFICATIONS

<b>Model Number</b>	<b>S-10000L</b>	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>RoHS Compliance Version</b>	Yes	<b>Air Filter</b>	Removable & Washable
<b>Standard Drive Bays</b>	5.25" Drive: 5 3.5" Drive: 2 3.5" Drive [internal]: 5	<b>Security</b>	Front Bezel
<b>Cooling Fan [Option]</b>	1x120mm [1x120mm]	<b>Material of Front Bezel</b>	Aluminum
<b>Mainboard Size [inch]</b>	12 x 13	<b>Material of Main Chassis</b>	1.0mm SECC/SGCC
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Front Bezel</b>	Black/Silver
<b>Speaker</b>	0.4W Built-In	<b>Color of Main Chassis</b>	Black/Silver
		<b>Front Connector</b>	USB 2.0 x 2 Connector 1 x IEEE1394, 1 x Line Out, 1 x Microphone
		<b>Dimensions (WxHxD)</b>	8.2 x 21.3 x 23.9 inch

## ■ OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>BPU-230SATA</b>	154	<b>BPU-340SATA</b>	155
<b>DD-Fan80</b>	163	<b>RP-HDD3.5</b>	N/A
<b>T-7</b>	158	<b>TC-iStorm7/8</b>	160

## ■ POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-300/400/500R8A</b>	300/400/500W	210	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-580/620PD3</b>	580/620W	232			
<b>TC-600/700R3N</b>	600/700W	212			

:: Specification and wiring diagram subject to  
change without notice  
:: Limited Life Time Warranty  
:: Last Update: Oct/2007



# S-9000

## High Performance Professional ATX Tower



### INTRODUCTION

The S-9000 server chassis is designed with full metal construction and 9 external 5.25 drive bays. The front mesh screen assists air flow and the 8 device LEDs indicate drive status and activities. Built-in alarm is for overheat and system failure alert. S-9000 enables high compatibility by supporting variety of system board from standard ATX, AT to 14 slots backplane. Wide application by different industry from data center server, DVD duplication station, RAID application to DVR console, S-9000 covers them all. The peace of mind comes with combination of powerful iStarUSA mini redundant power supply that keeps the system from downtime. Additional BPU accessories maximize storage up to 15 disk drives for high density and high performance storage application.

### FEATURES

- Ⓐ 5.25" Open Bay x 9
- Ⓑ 8 Status Monitor LEDs
- Ⓒ Compatible with AT, ATX, and Backplane
- Ⓓ Front Security Lock
- Ⓔ Optional iStarUSA Mini Redundant Power Supply

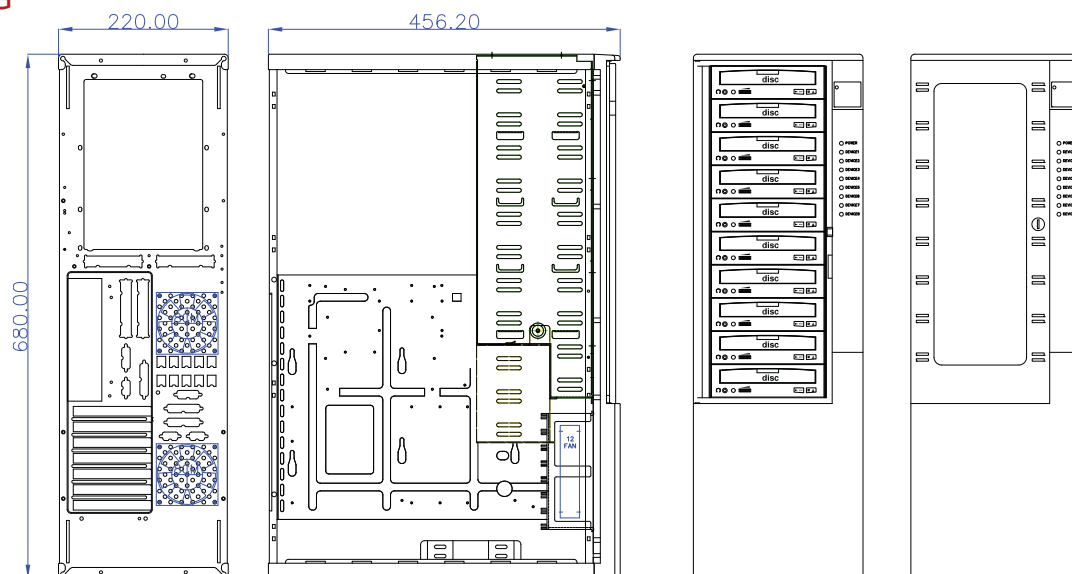


Accessories



## S-9000

## DRAWING



## SPECIFICATIONS

<b>Model Number</b>	<b>S-9000</b>	<b>Switches</b>	Power ON/OFF, System & Alarm Reset
<b>RoHS Compliance Version</b>	Yes	<b>Security</b>	Front Bezel
<b>Standard Drive Bays</b>	5.25" Drive: 9 3.5" Drive: 1	<b>Material of Front Bezel</b>	SECC Steel
<b>Cooling Fan [Option]</b>	1x120mm [1x120mm]	<b>Material of Main Chassis</b>	SECC 1.2mm Kobe Made Steel
<b>Mainboard Size [inch]</b>	12 x 10	<b>Color of Front Bezel</b>	Black/Silver
<b>Indicators</b>	LEDs for Power ON/OFF, HDD, Fan & Alarm	<b>Color of Main Chassis</b>	Black/Silver
<b>Speaker</b>	0.4W Built-In	<b>Dimensions (WxHxD)</b>	8.2 x 26.8 x 17.8 inch

## OPTIONAL ACCESSORIES

Model Number	Page	Model Number	Page
<b>BPU-230SATA</b>	154	<b>BPU-340SATA</b>	155
<b>DD-Fan80</b>	163	<b>RP-HDD3.5</b>	N/A
<b>T-7</b>	158	<b>TC-iStorm8</b>	160

## POWER SUPPLY OPTIONS

Model Number	Output	Page	Model Number	Output	Page
<b>TC-300/400R8</b>	300/400W	208	<b>TC-350/400/500PD1</b>	350/400/500W	230
<b>TC-300/400/500R8A</b>	300/400/500W	210	<b>TC-600/650/700/750PD2</b>	600/650/700/750W	234
<b>TC-580/620PD3</b>	580/620W	232			
<b>TC-600/700R3N</b>	600/700W	212			

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007





# S-9-H23 S-9-H34 S-9-H35

## 3/4/5 Bay Hot-swappable Storage Server ATX Tower



### INTRODUCTION

iStarUSA introduces a new modern, tool-less assembly design S-9-H23, S-9-H34, and S-9-H35 Mid-Tower ATX chassis. It provides innovative features such as aluminum top mount USB2.0, Audio, Firewire 1394 for easy access, metal mesh bezel with air filter for great cooling, excellent thermal solution meets CAG 1.1 standard. S-9-H23, S-9-H34, S-9-H35 supports iStarUSA redundant power supply that keep system running without any interruptions. Also, the 3/4/5-Bay hot-swappable SATA converter cage, it is best suited for storage server applications.

### FEATURES

- Ⓐ Tool-less Thumb Screws
- Ⓑ Top Access I/O Panel
- Ⓒ Aluminum Dash Plate
- Ⓓ 3/4/5 Hot-Swappable SATA II Drive Bay
- Ⓔ Meet CAG1.1 Intel Thermal Standard
- Ⓕ Optional iStarUSA Mini Redundant Power Supply
- Ⓖ Easy Assembling Drives
- Ⓗ Easy Assembling Expansion Slots
- Ⓘ Metal Mesh Bezel Wsith Air Filter



Accessories



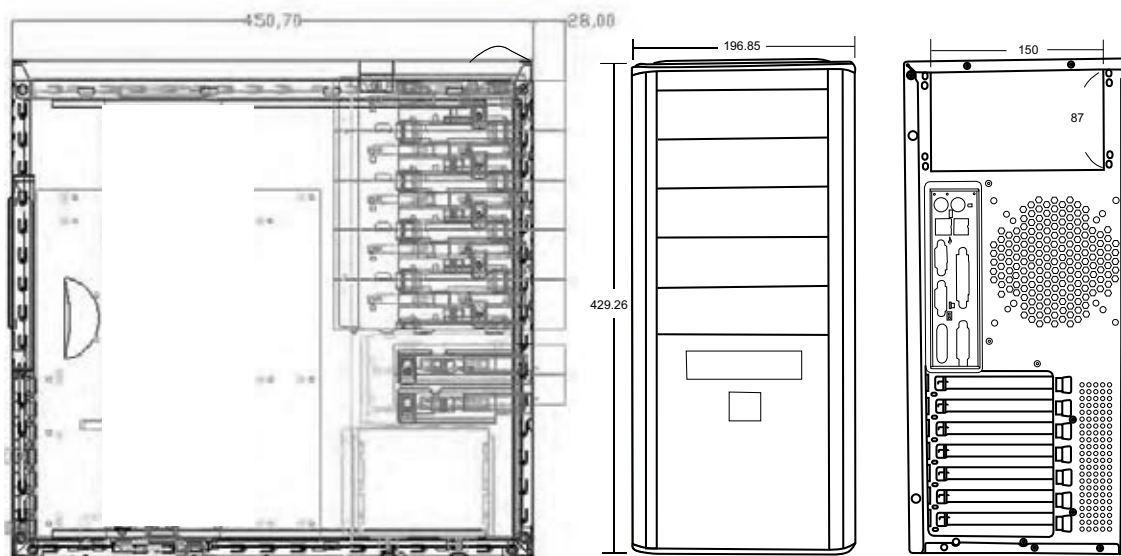
Ⓔ Easy Assembling Drives



Ⓒ

# S-9-H23 S-9-H34 S-9-H35

## DRAWING



## SPECIFICATIONS

Model Number	S-9-H23	S-9-H34	S-9-H35
RoHS Compliance Version	Yes		
Hot-Swap Drive	3	4	5
5.25" Drive	3	2	2
Standard Drive Bays	3.5" Drive: 1 3.5" Drive [internal]: 4		
Cooling Fan [Option]	[2 x 120mm]		
Mainboard Size [inch]	12 x 10		
Indicators	LEDs for Power ON/OFF, HDD, Fan & Alarm		

Speaker	0.4W Built-in
Switches	Power ON/OFF, System & Alarm Reset
Material of Front Bezel	Aluminum
Material of Main Chassis	0.8/0.6 SECC/SGVV
Color of Front Bezel	Black
Color of Main Chassis	Black
Dimensions (WxHxD)	8.2 x 17.8 x 20.2inch
Front Connector	2 x USB2.0, 1 x IEEE1394, 1 x Line Out, 1 x MIC

## OPTIONAL ACCESSORIES

Model Number	Page
TC-iStorm8	160
DD-Fan120	163

Model Number	Page
T-7	158
RP-HDD3.5	N/A

## POWER SUPPLY OPTIONS

Model Number	Output	Page
TC-300/400R8	300/400W	208
TC-300/400/500R8A	300/400/500W	210
TC-580/620PD3	580/620W	232

Model Number	Output	Page
TC-350/400/500PD1	350/400/500W	230
TC-600/650/700/750PD2	600/650/700/750W	234

:: Specification and wiring diagram subject to change without notice  
 :: Limited Life Time Warranty  
 :: Last Update: Oct/2007



# BPU-230IDE

2x5.25" to 3x3.5" IDE Hot-Swap Backplane Raid Cage

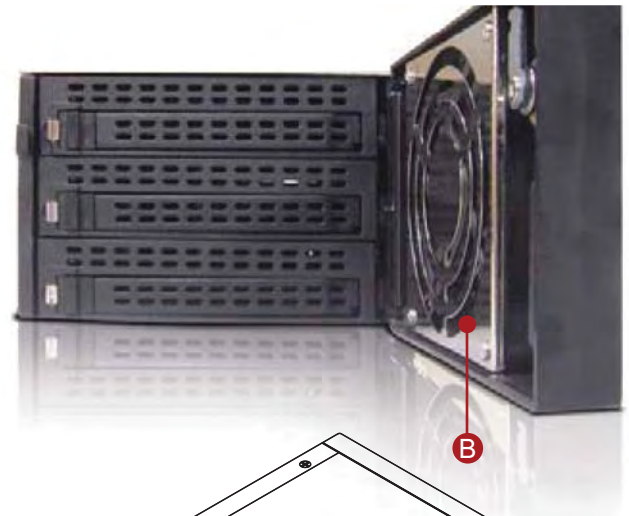


## INTRODUCTION

Create more space for hard drive with hot-swap capability, BPU-230IDE supports Raid 1/0/1+0/5 configuration for high performance or redundancy data application. Aluminum construction provides light weight but strong stability and extra 80mm fan keep hard drive at maximum performance.

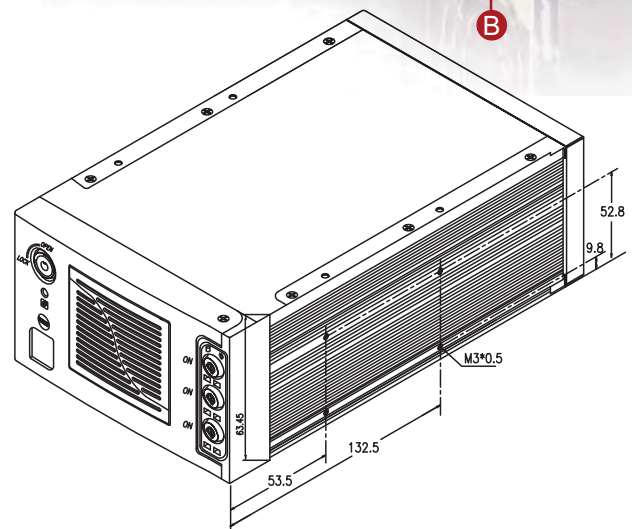
## FEATURES

- Ⓐ All Aluminum Design With Conductive Dissipation Grooves
- Ⓑ Super Air Ventilation & Heat Sink with 80mm Fan
- Ⓒ Power & HDD Activity LED Indicators
- Ⓓ Power Control & Security Key Lock That Reduce From Potential Electronic Points of Failure
- Ⓔ Support Hot-Swap, RAID0/1/5/0+1



## SPECIFICATION

Model Number	BPU-230IDE
RoHS Compliance Version	Yes
Standard Drive Bays	5.25" Drive: 2
Cooling Fan	1 x 80mm
Interface	IDE Hot-Swap Capable
Materials	All Aluminum Design with Conductive Dissipation Grooves
Color	Black
Cables	N/A
Weight	7 lbs
Dimensions (WxHxD)	146 x 86 x 240mm





# T-7-PA

## Military Series of IDE Removable Hard Drive Rack



### INTRODUCTION

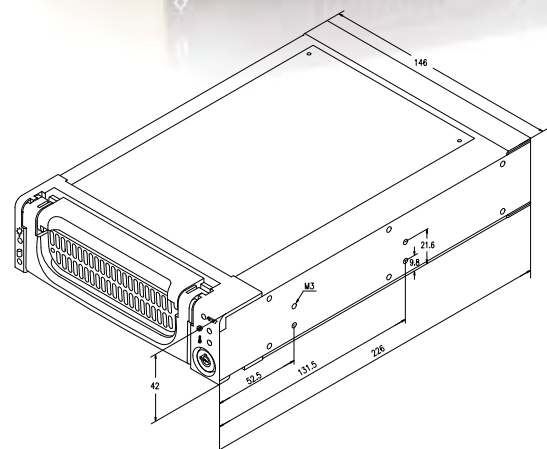
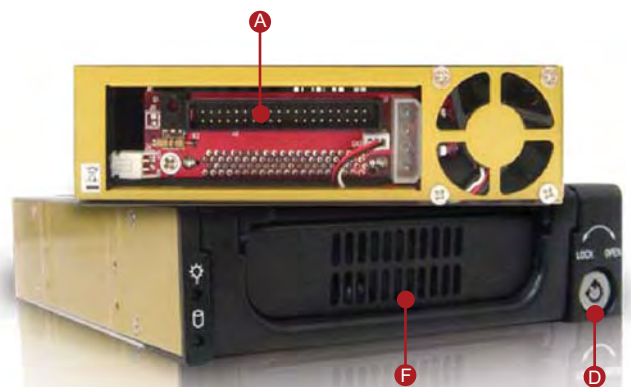
Military type aluminum hot-swappable iStarUSA T-7-PA mobile rack. Unique compact in size, high performance IDE interface up to 133mb/s transfer rate. T-7-PA is tough in strength, but flexible in functionality. Additional cooling fan provides extra cooling in worst operating condition. LED indicator enables to monitor power and hard drive activities. Security lock prevents intrusion and theft to the most important data. T-7-PA military mobile rack constructs with quality and versatility.

### FEATURES

- A** IDE to IDE Interface
- B** Cableless Connection, Support Plug & Play, Hot-Swappable
- C** High Performance - Support Up to IDE 133MB/Sec
- D** Power Control & Security Key Lock That Reduces From Potential Electronic Points of Failure
- F** Best Air Ventilation with 1 Front Fan
- I** Point to Point, Free from Master/Slave Setting
- J** Unique 7.5" Depth Compact Size
- K** Military Grade Quality Aluminum Frame & Tray

### SPECIFICATION

<b>Model Number</b>	<b>T-7-PA</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	5.25" Drive: 1
<b>Cooling Fan</b>	1 x 40mm
<b>Interface</b>	IDE Hot-Swap Capable
<b>Materials</b>	All Aluminum Design
<b>Color</b>	Black
<b>Cables</b>	IDE Cable Included
<b>Weight</b>	3.5lbs
<b>Dimensions (WxHxD)</b>	146 x 42 x 190mm





# BPU-340SAS

3 to 4 SAS Raid Back-Plane

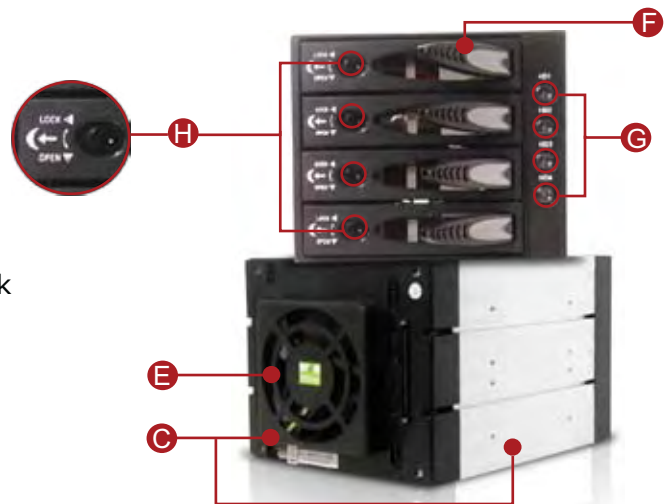


## INTRODUCTION

Rugged, yet affordable. High Industrial grade level Raid cage and high availability storage in compact design, BPU-340SAS add extra storage and hot-swap capability to satisfy any application needs. Aluminum body and extra 80mm cooling fan subsystem complete a high end data storage server or workstation.

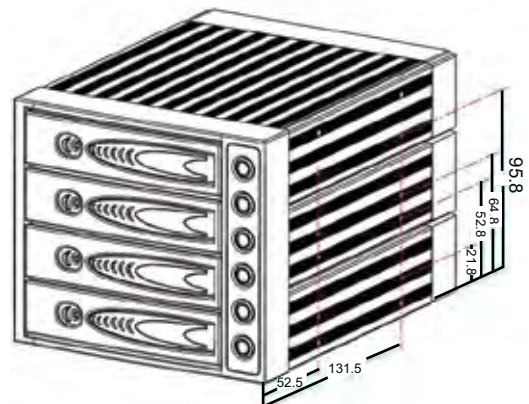
## FEATURES

- A Plug & Play
- B Support Hot-Swap, RAID0/1/5
- C All Aluminum Design w/ Conductive Dissipation Grooves
- D Dimension(WxDxH): 202 x 146 x 126 mm
- E 8cm Fan - Super Air Ventilation & Heat Sink
- F Patent Balance Handle - No Skew In/Out
- G Power Control, Sensor & Alarm
- H The Safety Tri-angle Lock Safeguards the Hard Drives



## SPECIFICATION

Model Number	BPU-340SAS
RoHS Compliance Version	Yes
Standard Drive Bays	5.25" Drive: 3
Cooling Fan	1 x 80mm
Interface	SAS
Materials	All Aluminum Design with Conductive Dissipation Grooves
Color	Black
Cables	SATA Cable Included (4pcs)
Weight	10.0lbs
Dimensions (WxHxD)	146 x 126 x 202mm



# T-7-M1-SS

## SAS Removable Hard Drive Rack



### INTRODUCTION

Audio type aluminum hot-swappable iStarUSA T-7M1-SS mobile rack. Unique compact in size, high performance SAS interface. T-7M1-SS is tough in strength, but flexible in functionality. Additional blower cooling fan provides extra cooling in worst operating condition. LED indicator enables monitor power and hard drive activities. Security lock prevents intrusion and theft to the most important data. T-7M1-SS audio mobile rack constructs with quality and versatility.

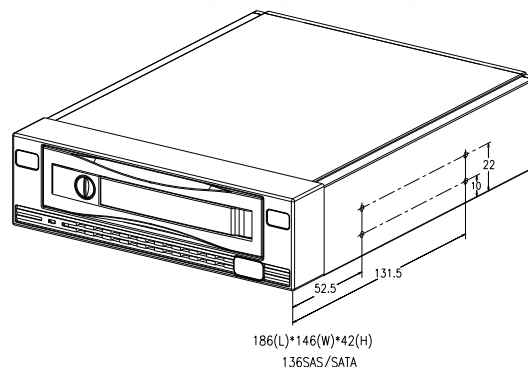
### FEATURES

- Ⓐ SAS Interface
- Ⓑ Cableless Connection, Support Plug & Play, Hot-Swappable
- Ⓒ All Aluminum for Best Heat Sink
- Ⓓ Best Air Ventilation with 1 x 60mm Blower Fan
- Ⓔ Point to Point, Free from Master/Slave Setting



### SPECIFICATION

<b>Model Number</b>	<b>T-7M1-SS</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	5.25" Drive: 1
<b>Cooling Fan</b>	1 x 60mm Blower
<b>Interface</b>	SAS Hot-Swap Capable
<b>Materials</b>	All Aluminum Design
<b>Color</b>	Black
<b>Color of Handle</b>	Silver / Black / Blue / Red
<b>Weight</b>	3.0lbs
<b>Dimensions (WxHxD)</b>	146 x 42 x 186mm



# BPU-230SATA

2 to 3 SATA II Raid Back-Plane



\*These three colors belongs to BPU-230-SA

## INTRODUCTION

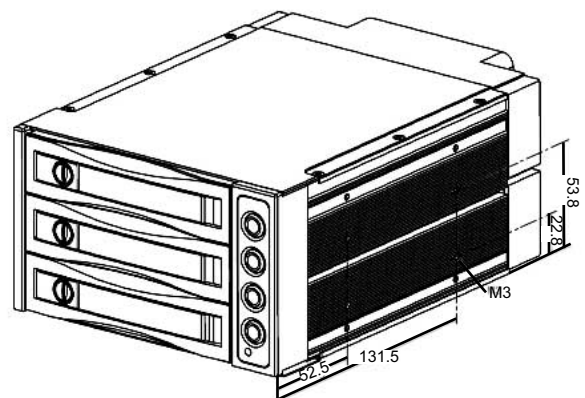
Create more space for hard drive with hot-swap capability, BPU-230SATA supports Raid 1/0/1+0/5 configuration for high performance or redundancy data application. Aluminum construction provides light weight but strong stability and extra 80mm fan keep hard drive at maximum performance.

## FEATURES

- Ⓐ Heavy-Duty Aluminum with Advanced Structure Compact Design
- Ⓑ Support Plug & Play and Hot-Swappable Tray
- Ⓒ SATA I or II Compatible (Transfer rate up to 3.0 Gbp/s)
- Ⓓ 8cm Fan Provides Excellent Air Ventilation & Heat Sink
- Ⓔ Power Control Switch, Sensor, Alarm & Reset
- Ⓕ Built-in LED for Monitoring P/S and Temperature Overheat
- Ⓖ Safety Tri-angle Lock for HDD
- Ⓗ SATA 15 Pin & 4 Pin Power Connectors
- Ⓘ Patent Balance Handle - No Skew In/Out
- Ⓙ RoHS Compliant

## SPECIFICATION

Model Number	BPU-230SATA
RoHS Compliance Version	Yes
Standard Drive Bays	5.25" Drive: 2
Cooling Fan	1 x 80mm
Interface	SATA 2.0
Materials	All Aluminum Design with Conductive Dissipation Grooves
Color	Black
Cables	SATA Cable Included (3pcs)
Weight	10.0lbs
Dimensions (WxHxD)	146 x 126 x 202mm





# BPU-340SATA

## 3 to 4 SATAII Raid Back-Plane



\*These three colors belongs to BPU-340-SA

### INTRODUCTION

High level Raid and high availability storage in compact design, BPU-340SATA add extra storage and hot-swap capability to satisfy any application needs. Aluminum body and extra 80mm cooling fan subsystem complete a high end data storage server or workstation.

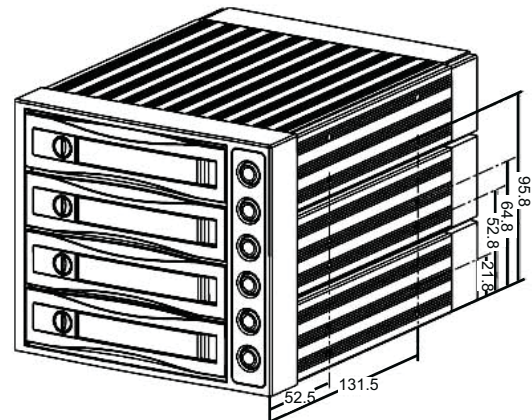
### FEATURES

- Ⓐ Heavy-Duty Aluminum with Advanced Structure Compact Design
- Ⓑ Support Plug & Play and Hot-Swappable Tray
- Ⓒ SATA I or II Compatible (Transfer rate up to 3.0 Gbp/s)
- Ⓓ 8cm Fan Provides Excellent Air Ventilation & Heat Sink
- Ⓔ Power Control Switch, Sensor, Alarm & Reset
- Ⓕ Built-in LED for Monitoring P/S and Temperature Overheat
- Ⓖ Safety Tri-angle Lock for HDD
- Ⓗ SATA 15 Pin & 4 Pin Power Connectors
- Ⓘ Patent Balance Handle - No Skew In/Out
- ⓵ RoHS Compliant



### SPECIFICATION

Model Number	BPU-340SATA
RoHS Compliance Version	Yes
Standard Drive Bays	5.25" Drive: 3
Cooling Fan	1 x 80mm
Interface	SATAII Hot-Swap Capable
Materials	All Aluminum Design with Conductive Dissipation Grooves
Color	Black
Cables	SATA Cable Included (4pcs)
Weight	10.0lbs
Dimensions (WxHxD)	146 x 126 x 202mm





# BPU-350SATA

3 to 5 SATA II Raid Back-Plane



\*These three colors belongs to BPU-350-SA

## INTRODUCTION

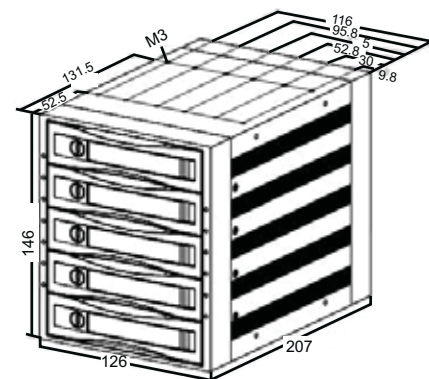
High level Raid and high availability storage in compact design, BPU-350SATA add extra storage and hot-swap capability to satisfy any application needs. The BPU is constructed of aluminum material that provides best heat dissipation required for high performance SATA drives, is designed with excellent front to back vent airflow. The BPU series is an ideal solution for internal server RAID and JBOD applications. Aluminum body and extra 80mm cooling fan subsystem complete a high end data storage server or workstation.

## FEATURES

- A Plug & Play
- B Support Hot-Swap, RAID0/1/5
- C All Aluminum Design with Conductive Dissipation Grooves
- D The Safety Tri-angle Lock Safeguards the Hard Drives
- E Super Air Ventilation & Heat Sink with 80mm Fan
- F Patent Balance Handle-No Skew In/Out
- G Power Control, Sensor & Alarm

## SPECIFICATION

Model Number	BPU-350SATA
RoHS Compliance Version	Yes
Standard Drive Bays	5.25" Drive: 3
Cooling Fan	1 x 80mm
Interface	SATAII Hot-Swap Capable
Power Connector	Power SATA 15pin x 2, 4pin x 3
Fan Failure Sensor	Buzzer Alarm (3Stage) Over-heating Alarm (50/60/65)
Materials	All Aluminum Design with Conductive Dissipation Grooves
Color	Black
Cables	SATA Cable Included (5pcs)
Weight	10.0lbs
Dimensions (WxHxD)	146 x 146 x 206mm



# T-7M1-SA

## SATA 2.0 Removable Hard Drive Rack



### INTRODUCTION

Audio type aluminum hot-swappable iStarUSA T-7M1-SA mobile rack. Unique compact in size, high performance SATA interface. T-7M1-SA is tough in strength, but flexible in functionality. Additional blower cooling fan provides extra cooling in worst operating condition. LED indicator enables monitor power and hard drive activities. Security lock prevents intrusion and theft to the most important data. T-7M1-SA audio mobile rack constructs with quality and versatility.

### FEATURES

- Ⓐ SATA Interface
- Ⓑ Cableless Connection, Support Plug & Play, Hot-Swappable
- Ⓒ All Aluminum for Best Heat Sink
- Ⓓ Best Air Ventilation with 1 x 60mm Blower Fan
- Ⓔ Point to Point, Free from Master/Slave Setting

### SPECIFICATION

<b>Model Number</b>	<b>T-7M1-SA</b>
<b>RoHS Compliance Version</b>	Yes
<b>Standard Drive Bays</b>	5.25" Drive: 1
<b>Cooling Fan</b>	1 x 60mm Blower
<b>Interface</b>	SATA Hot-Swap Capable
<b>Materials</b>	All Aluminum Design
<b>Color</b>	Black
<b>Color of Handle</b>	Silver / Black / Blue / Red
<b>Weight</b>	3.0lbs
<b>Dimensions (WxHxD)</b>	146 x 42 x 186mm



# T-7-SA

## SATA II Military Type Aluminum Removable H.D.D Rack



### INTRODUCTION

Military type aluminum hot-swappable iStarUSA T-7 mobile rack. Unique compact in size, high performance SATA 2.0 interface up to 300mb/s transfer rate. T-7 is tough in strength, but flexible in functionality. Additional cooling fan provides extra cooling in worst operating condition. Indicator LEDs enable monitor power and hard drive activities. Security lock prevents intrusion and theft to the most important data. T-7 military mobile rack constructs with quality and versatility.

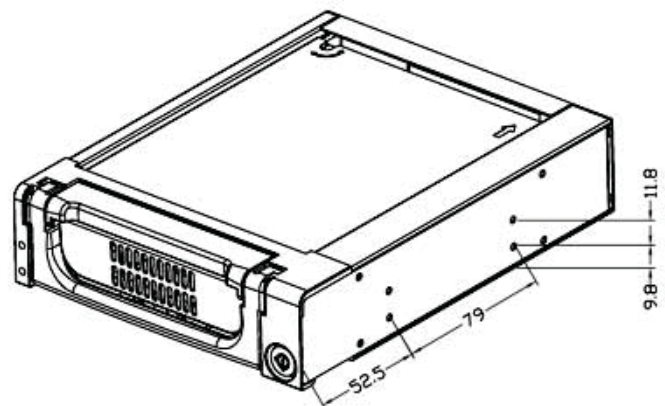
### FEATURES

- A SATA to SATA Interface
- B Cableless Connection, Support Plug & Play, Hot-Swappable
- C High Performance - Support Up To SATA 2.0 300MB/Sec
- D With 15pin SATA and 4pin Power Connector
- E Military Grade Quality Aluminum Frame & Tray
- F Front Fan x 1 - for Best Air Ventilation
- G Point To Point, Free From Master/Slave Setting
- H Unique 7.5" Depth Compact Size
- I Power Control & Security Key Lock That Reduces From Potential Electronic Points of Failure



### SPECIFICATION

Model Number	T-7-SA
RoHS Compliance Version	Yes
Standard Drive Bays	5.25" Drive: 1
Cooling Fan	1 x 40mm
Interface	SATA 2.0 Hot-Swap Capable
Materials	All Aluminum Design
Color	Black
Cables	SATA Cable Included
Weight	3.5lbs
Dimensions (WxHxD)	146 x 42 x 190mm





# T-7-SCA

Ultra 320 SCA Aluminum Removable H.D.D Rack

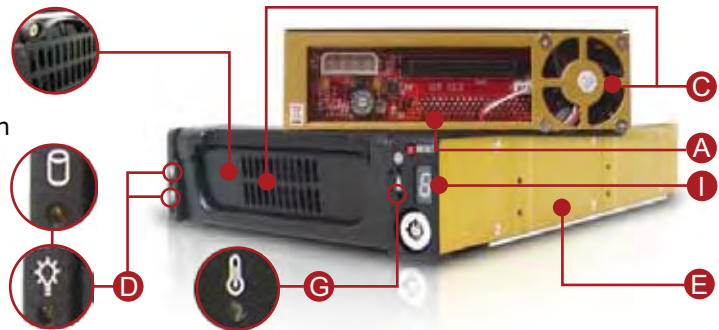


## INTRODUCTION

Military type aluminum hot-swappable iStarUSA T-7 mobile rack. Unique compact in size, high performance Ultra 320 SCA Interface (SCA 80/68 pin) interface . Come With Temperature Sensor & Buzzer Alarm ,T-7 is tough in strength, but flexible in functionality for Military Grade Level. Additional cooling fan provide extra cooling in worst operating condition. Indicator LEDs enable monitor power and hard drive activities. Security lock prevents intrusion and theft to the most important data. T-7 military mobile rack constructs with quality and versatility.

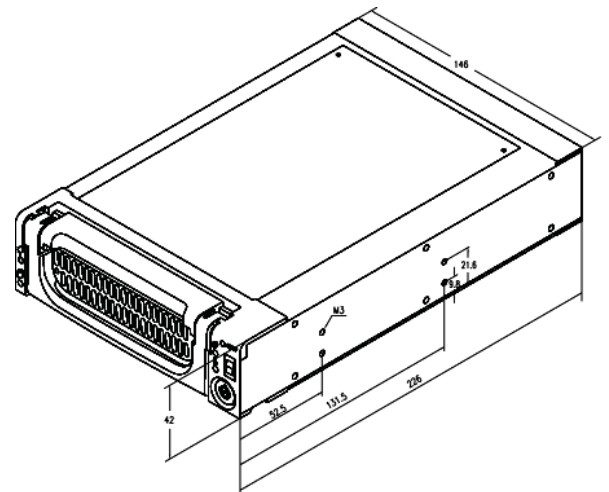
## FEATURES

- A Ultra 320 SCA Interface (SCA 80/68 pin)
- B Support Ultra 320/160 SCSI 3.5" HDD
- C 2 Cooling fan - 1 front & 1 rear ventilation fan
- D 4 LED for P/S, Temp, HDD & Fan sensor
- E Military Grade of Aluminum frame & tray
- F With Temperature Sensor & Buzzer Alarm
- G HDD Overheating Detection
- H Support hot-swap & hot plug-in
- I SCSI ID Display 0-F



## SPECIFICATION

Model Number	T-7-SCA
RoHS Compliance Version	Yes
Standard Drive Bays	5.25" Drive: 1
Cooling Fan	2 x 40mm
Interface	Ultra 320 SCA Interface (SCA 80/68 pin)
Materials	All Aluminum Design
Color	Black
SCSI ID	SCSI ID Display 0-F
Weight	4.0lbs
Dimensions (WxHxD)	146 x 42 x 250mm





## TC-Rail-20

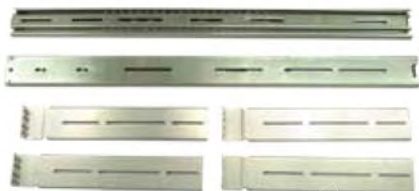
20" Sliding Rail Kit for Most Rackmount Chassis



The TC-Rail-20 is a ball bearing sliding rails built from SECC steel. The rail is built to last and hold system weight up to 85 lbs. Increase your accessibility to your rackmount server with this easy to install rackmount sliding rails.

## TC-Rail-24

24" Sliding Rail Kit for Most Rackmount Chassis



The TC-Rail-24 is a ball bearing sliding rails built from SECC steel. The rail is built to last and hold system weight up to 85 lbs. Increase your accessibility to your rackmount server with this easy to install rackmount sliding rails.

## TC-Rail-26

26" Sliding Rail Kit for Most Rackmount Chassis



The TC-Rail-26 is a ball bearing sliding rails built from SECC steel. The rail is built to last and hold system weight up to 85 lbs. Increase your accessibility to your rackmount server with this easy to install rackmount sliding rails.

## TC-iStorm7

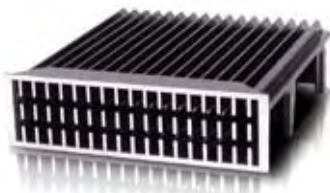
2 x 5.25" to 3 x 3.5" Internal Mounting Cooling Kit with Removable Filter



The TC-iStorm7 internal hard drives cage that hold three hard drives in two 5.25" drive space. Built-in 80mm fan to ensure good ventilation. Easy to assemble and install to quick upgrade more storage space. TC-iStorm7 works great with most server and PC.

## TC-iStorm8

1 x 5.25" Hard Drive Cooling Heat Sink



TC-iStorm8 is a fan-less cooling solution to any hard drive. All metal construction and air vent to direct air flow and heat dissipation. It protects hard drive against heat and keeps noise down.

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## **TC-A100B**

1U IPC Keyboard and Drawer

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The compact 1U keyboard with built-in 2 button touch-pad mouse TC-A100B is the best companion for rackmount server. An IBM AT, PS/2 compatible providing the high-end graphics and pixel-point control that allowing you to work quickly and efficiently. Use the buttons like mouse buttons tracking speed up to 40 inches per second. Elegant wrist-rest for a comfortable support and rest. Easy Internet key as shortcut to your E-world.



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## **RHF-03**

3.5" to 5.25" Hard Drive Mounting Bracket

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The RHF-03 is a handy 3.5" to 5.25" HDD mounting vibration kit that reduces unwanted noise during computer operation. The retail package includes two mounting brackets, four screws, and four vibration-absorbing rubbers. The mounting kit is designed to reduce the vibration from operation and absorb vibration that other devices have created at the same time.



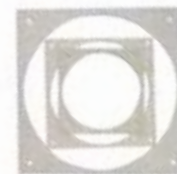
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## **RSS60:80:120**

Ultra-light Silica Gel Material Vibration Gaskets

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The RSS60/80/120 gaskets are suitable for the vast majority of case designs and fan combinations, as they fit standard fan mounting holes. Slightly lengthened (12mm thread) fan mounting screws are recommended to use with the fan gaskets and washers. These gaskets can be used with standard PC cooling fans, and case fans.



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## **DD-FanGuard-6 DD-FanGuard-8**

60mm/80mm Fan Guard

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DD-FanGuard-6/8 prevents objects get pulled into system or finger cut from working around the system. The DD-FanGuard-6/8 fan guard helps to keep danger away when the fans are spinning.



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## **DIY-K150-01**

4-pin Male Molex Power to 3 x 2-pin Male Converter

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The DIY-K150-01 power DIY connector allows you to easily convert 4pin Molex connector to 2pin fan / led connector. A 3M tape sticker is provided to place it anywhere you want.



## DIY-K150-02

4-pin Male Floppy Power to 3 x 2-pin Male Converter



The DIY-K150-02 power DIY connector allows you to easily convert 4pin floppy connector to 2pin fan / led connector. A 3M tape sticker is provided to place it anywhere you want.

## DIY-K150-03

4-pin Male Molex Power to 2 x 3-pin Male and 1 x 2-pin Male Converter



The DIY-K150-03 power DIY connector allows you to easily convert 4pin Molex connector to 2-pin LED or 3-pin fan connector. A 3M tape sticker is provided to place it anywhere you want.

## DIY-K150-04

4-pin Male Floppy Power to 2 x 3-pin Male and 1 x 2-pin Male Converter



The DIY-K150-04 power DIY connector allows you to easily convert 4-pin Floppy connector to 2-pin LED or 3-pin fan connector. A 3M tape sticker is provided to place it anywhere you want.

## TC-ISF08

8 Ports Fan Sensor Board



The TC-ISF08 monitoring board allows PC systems to monitor temperature at two separate locations, it derives power via one Molex connector and supports up to 8 fans. An alarm reset switch lets you silence alarms until repairs can be made. TC-ISF08 is a great accessory board for any system where temperature is critical.

## DD-Fan60

60mm Ball Bearing Fan



The DD-Fan60 industrial ball bearing fan cools system down with high efficiency and high MTBF for long lasting operation. For system that produces more heat, extra cooling ensures longer system life and better performance.

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**DD-Fan80**80mm Ball Bearing Fan

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The DD-Fan80 industrial ball bearing fan cools system down with high efficiency and high MTBF for long lasting operation. For system that produces more heat, extra cooling ensures longer system life and better performance.



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**DD-Fan120**120mm Ball Bearing Fan

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The DD-Fan120 industrial ball bearing fan cools system down with high efficiency and high MTBF for long lasting operation. For system that produces more heat, extra cooling ensures longer system life and better performance.



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**DIY-KM319**

iStarUSA DIY series kits are designed to reduce noises caused by operating hardware. The DIY-KM319 PC anti-vibration kit reduces vibration and noise produced between the active and passive components. The package includes rubber stand-off for PC and compatible to notebook. HDD and fan rubber screws reduce the vibration of hard drive and system fan operation.



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**DIY-KM320**

DD-FanGuard-6/8 prevents objects get pulled into system or finger cut from working around the system. The DD-FanGuard-6/8 fan guard helps to keep danger away when the fans are spinning.



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**DIY-F01-69**  
**DIY-F01-712**Full Size CPU Reactive Fan Adapter

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Acrylic blue fan adaptor DIY-F01-69 and DIY-F01-712 can increase airflow and reduce fan noise by convert the fan to a larger size. Larger fans require less RPM therefore reduce unwanted noise and also able to increase air flow to achieve better cooling.





## DIY-OA01

### Anti-Static Computer Wrist Strap



DIY-OA01 can remove bodily static that will potentially damage electronic components. Properly grounding is important before working on your delicate components. The spiral cable extends up to 180cm allowing user to work across long distance.

## DIY-OA02

### Anti-Static Computer Gloves



The DIY-OA02 anti-Static and anti-slipping computer gloves protect your computer from potential damage by static electricity or accidental drop of components.

## DIY-OA03

### Anti-Static Box



Working around electronic design or just to keep spare parts, DIY-OA03 can securely store parts and also prevent static shock from storing environment.

## DIY-ON06-80

### Anti-Noise Cover for PC Case Fan



Want to reduce noise on your cooling fan? The DIY-ON06-80 anti-noise cover shields the noise by the silent rubber foam and also redirect air that can reduce fan noise up to 70%. Air tunnel adjustment can cover any area along the side or rear cooling fan.

## DIY-ON09

### Mainboard Glass Washer



The DIY-ON09 washer is made of glass material to protect motherboard against static shock and short circuit of improper grounding contact.

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**DIY-ON10****Oscillation Prevented Gum Washer**

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The DIY-ON10 is an anti-vibration washer that prevents hard drive noise and oscillation during drive operation.



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**DIY-ON11****Oscillation Prevented Silicon Washer**

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DIY-ON11 is an anti-vibration washer that prevents hard drive noise and oscillation during drive operation.



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**DIY-OO31**

DIY-OO31 is designed to make sure your connectors are clean and undamaged when your ready to connect. The cover keeps connectors free from physical damage, dust, dirt, grime and liquids. A must for any unused connector.



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**DIY-OSA04****4 Link Power Supply Cable For Hard Drive**

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SATA power for true SATA connectivity with DIY-OSA04 power supply cable. Convert one 4-pin Molex to 4 right angle SATA connectors. Extra length cable allows drives installed anywhere in the PC case.



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**DIY-OT06****Keytop PC Keyboard Tool**

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Can't get to the bottom of keyboard cleaning? DIY-OT06 can remove the keys so you can clean the dust and deposits that normally can not be reached.



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**DIY-RSW-01****Compact Hardware Assortment Kit**

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The DIY-RSW-01 mini pocket-size hardware assortment is the perfect way to keep anti-vibration hardware with you wherever you go. Sorted screws in individual compartment help organize and quickly locate specific screw you need.

