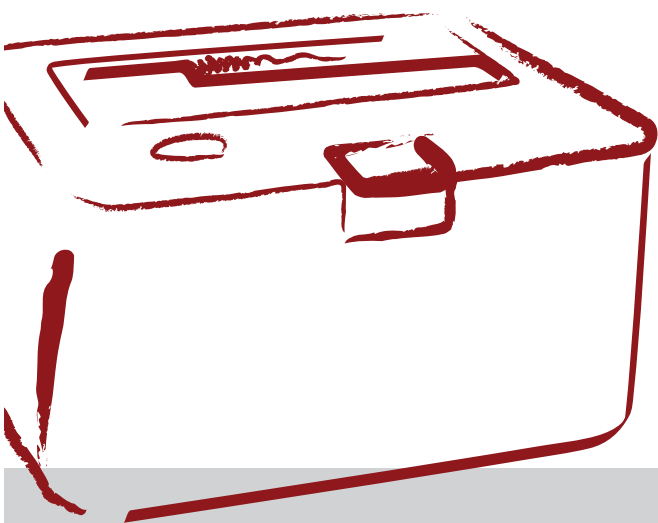# TrayLess
Docking
HDD Reader

iStarUSA™

xAGE-902 Series

2008 COMPUTEX Taipei

BEST Choice Award
Design & Innovation Award

iStarUSA™
FOR 2.5 / 3.5 SATA HDD
DOCKING STATION

iStarUSA
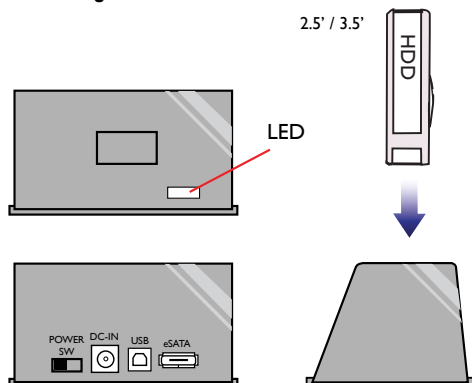## FOR 2.5 / 3.5 SATA HDD
DOCKING STATION

901

xAGE901-SAU with SATA to USB 2.0/ eSATA interface provides not only SATA to USB 2.0 connector, also SATA to eSATA interface which supports better data transfer rate up to 3.0Gbps. xAGE901-SAU is designed with a simple and compact idea which offers an easy and convenient way for data backup and recovery, hard drive testing, and fast access to archived hard drives.

xAGE
SERIES

Installing Instructions

2.5' / 3.5'

HDD

LED

POWER SW   DC-IN   USB   eSATA

Features :
- RoHS Compliance
- Supports 2.5" & 3.5" SATA Hard Drives up to 1TB
- Hot-Swap Capable
- Power & HDD Activity LEDs
- Patent Design
- Dual Data Transfer Connectors
- Supports eSATA Transfer Speed up to 3Gbps
- Supports USB 2.0 Transfer Speed up to 480Mbps
- Windows, Mac, and Linux Compatible

iStarUSA
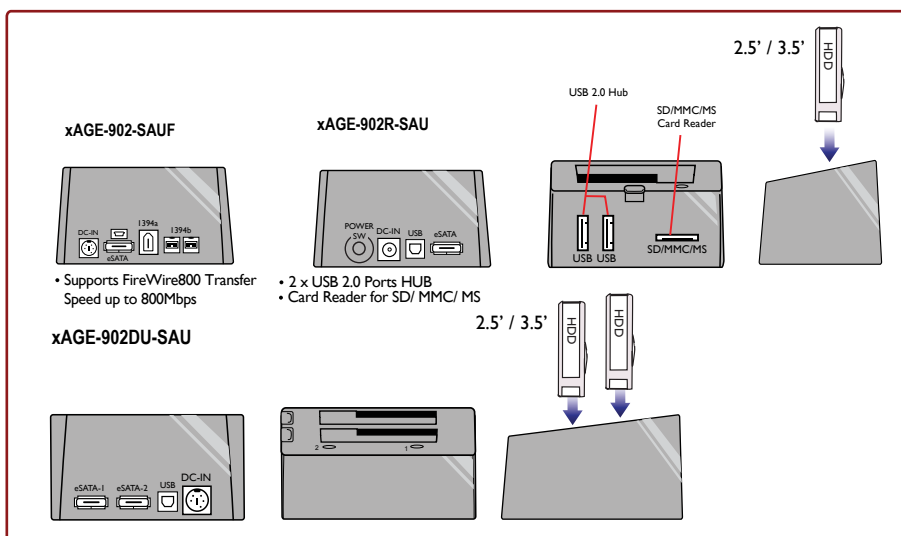## FOR 2.5 / 3.5 SATA HDD
DOCKING STATION

902

xAGE902R-SAU with SATA to USB 2.0/ eSATA interface provides not only SATA to USB 2.0 connector, also SATA to eSATA interface which supports better data transfer rate up to 3.0Gbps. xAGE902R-SAU is designed with a simple and compact idea with USB 2.0 hub and card reader which offers an easy and convenient way for data backup and recovery, hard drive testing, and fast access to memory cards and archived hard drives.

xAGE-902DU-SAU

xAGE-902-SAUF

xAGE-902R-SAU

xAGE
SERIES

xAGE-902-SAUF

DC-IN   1394a   1394b
eSATA

• Supports FireWire800 Transfer Speed up to 800Mbps

xAGE-902DU-SAU

eSATA-1   eSATA-2   USB   DC-IN

xAGE-902R-SAU

POWER SW   DC-IN   USB   eSATA

• 2 x USB 2.0 Ports HUB
• Card Reader for SD/ MMC/ MS

USB 2.0 Hub

SD/MMC/MS Card Reader

USB USB   SD/MMC/MS

2.5' / 3.5'

HDD

2.5' / 3.5'

HDD   HDD

Features :
• RoHS Compliance
• Supports 2.5" & 3.5" SATA Hard Drives up to 1TB
• Hot-Swap Capable
• Power & HDD Activity LEDs
• 2 x USB 2.0 Port Hub
• Card Reader for SD/ MMC/ MS
• Dual Data Transfer Connectors
• Supports eSATA Transfer Speed up to 3Gbps
• Supports USB 2.0 Transfer Speed up to 480Mbps
• Windows, Mac, and Linux Compatible

iStarUSA
FOR 3.5 SATA HDD
INTERNAL HDD ENCLOSURE
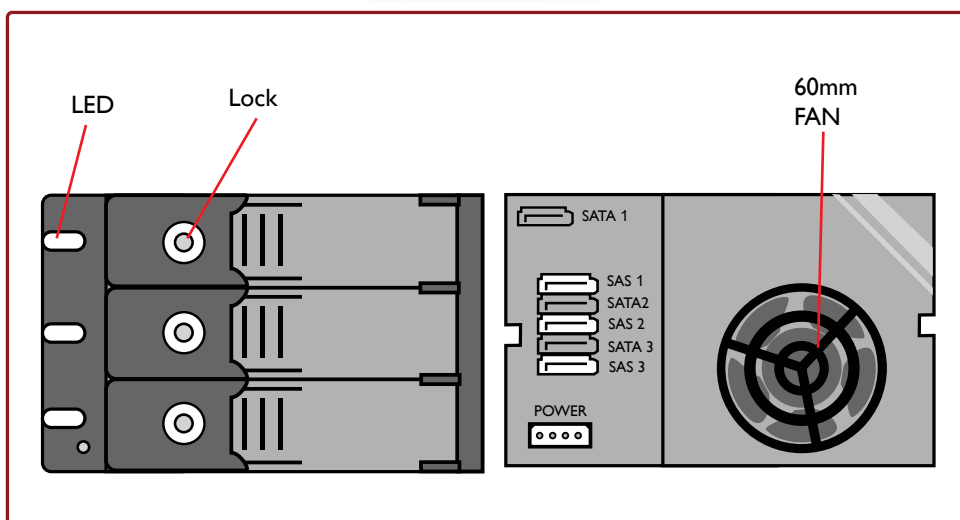
HTL Tech : Hard Disk Drive Trayless Technolgy

230SAS

BPN-230SAS is a mobile rack for the mainstream hard disk drive on the market today. It supports up to 3 SAS/SATA HDDs and can be applied for different RAID functions. With this device, hard disk drive can be installed and replaced at any time without the need to take off the PC casing. Also, the aluminum design and built-in cooling fan definitely helps for heat dissipating. BPN-230SAS definitely offers an economical removable storage solution.
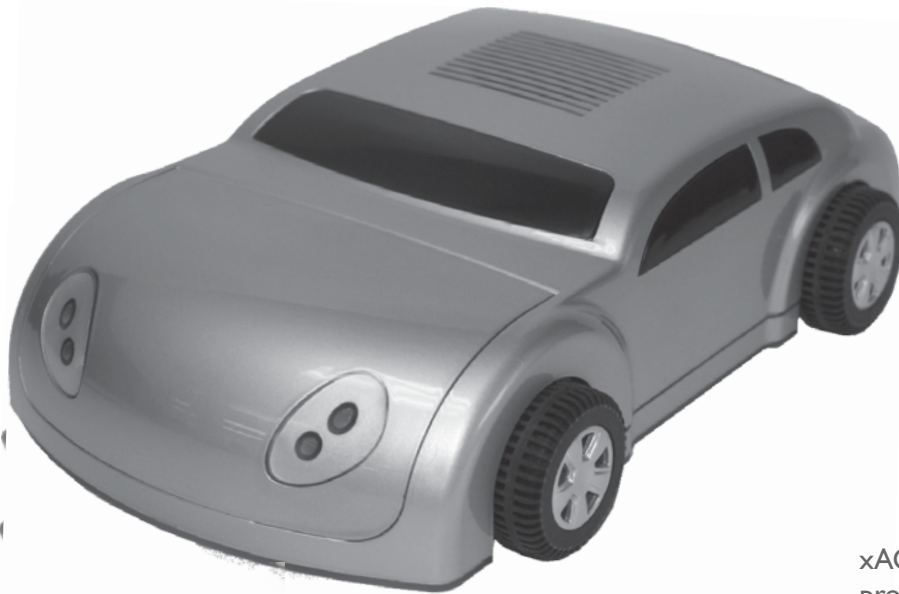
BPN
SERIES

Features :
- Ideal for 3 Drive RAID Configurations
- Multi-functional LED Indication
- Support SAS/ SATA I/II Hard Drives
- Hot Swappable Ability
- Data Transfer Rate up to 3.0 Gb/s
- 60mm Cooling Fan for Reliable Thermal Solution
- Lockable Design to Avoid Accidental Removal

LED   Lock   60mm FAN

SATA 1
SAS 1
SATA2
SAS 2
SATA 3
SAS 3
POWER

iStarUSA
FOR 2.5 / 3.5 SATA HDD
DOCKING STATION
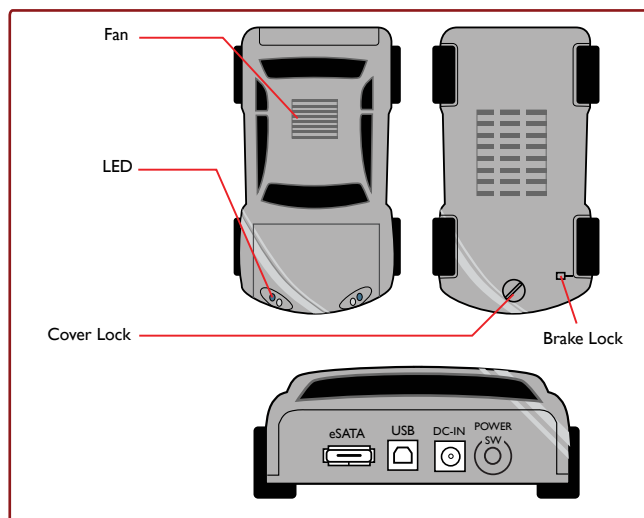

Installing Instructions

904

xAGE904-SAU with SATA to USB 2.0/ eSATA interface provides not only SATA to USB 2.0 connector, also SATA to eSATA interface which supports better data transfer rate up to 3.0Gbps. xAGE904-SAU is designed with a simple and compact idea which offers an easy and convenient way for data backup and recovery, hard drive testing, and fast access to archived hard drives.

xAGE
SERIES

Fan
LED
Cover Lock
Brake Lock

eSATA   USB   DC-IN   POWER SW

Features :
- RoHS Compliance
- Supports 2.5" & 3.5" SATA Hard Drives up to 1TB
- Hot-Swap Capable
- Power & HDD Activity LEDs
- Multiple Data Transfer Connectors
- Supports eSATA Transfer Speed up to 3Gbps
- Supports USB 2.0 Transfer Speed up to 480Mbps
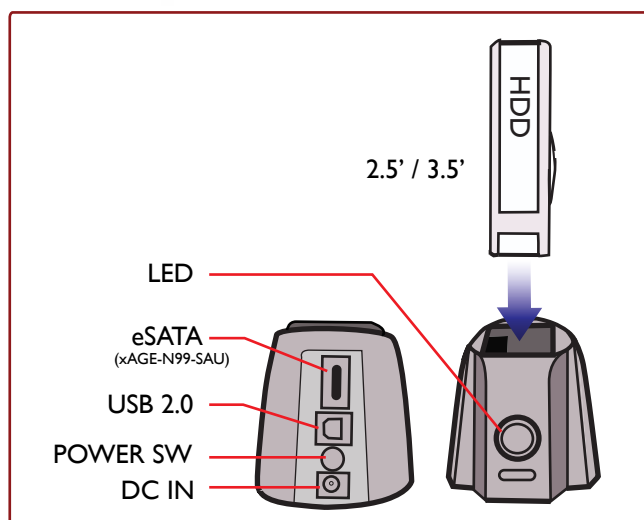- Windows, Mac, and Linux Compatible

N99

xAGE-N99-SAU with SATA to USB 2.0 / eSATA inter-face provides not only SATA to USB 2.0 connector, also SATA to eSATA interface which supports better data transfer rate up to 3.0Gbps. xAGE-N99-SAU is designed with a simple and compact idea which offers an easy and convenient way for data backup and recov-ery, hard drive testing, and fast access to archived hard drives.

xAGE

SERIES

Features :
- RoHS Compliance
- Supports 2.5" & 3.5" SATA Hard Drives up to 1TB
- Hot-Swap Capable
- Power & HDD Activity LEDs
- Plug and Play
- Dual Data Transfer Connectors
- Supports eSATA Transfer Speed up to 3Gbps
- Supports USB 2.0 Transfer Speed up to 480Mbps
- Windows, Mac, and Linux Compatible

HDD

2.5' / 3.5'

LED

eSATA (xAGE-N99-SAU)

USB 2.0

POWER SW

DC IN

iStarUSA
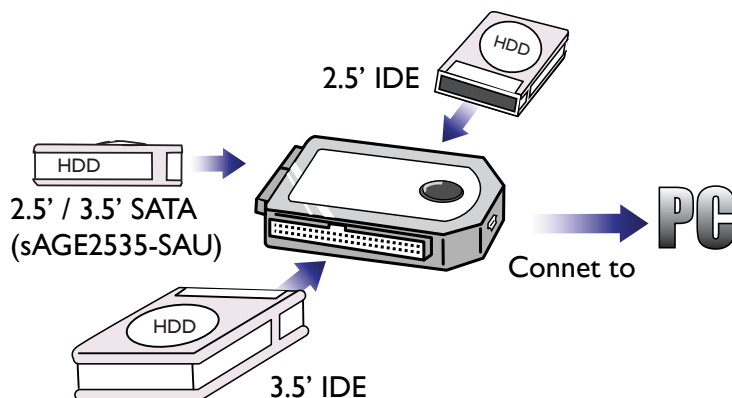## FOR 2.5 / 3.5 SATA / IDE HDD
Devices Converter

2535

sAGE2535SAU converts SATA/IDE interface to USB 2.0. It supports Hard Drives, Optical Devices, and Combo Devices with SATA/IDE interfaces. AC Power can be used with input voltage AC 100-240V. It supports various operating systems.

sAGE2535U converts IDE interface to USB 2.0. It supports Hard Drives, Optical Devices, and Combo Devices with IDE interfaces. AC Power can be used with input voltage AC 100-240V. It supports various operating systems.
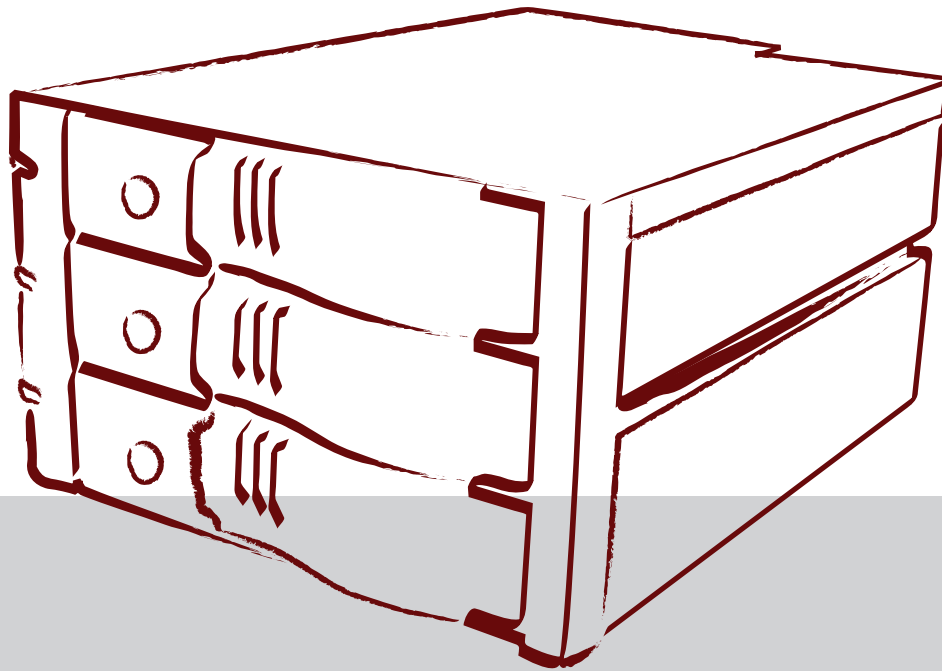
sAGE2535-SAU

sAGE2535U

sAGE
SERIES

Features :
- Plug and Play
- Easy to use and carry
- Support IDE Devices
- Support SATA / IDE Devices

HDD

2.5' IDE

HDD

2.5' / 3.5' SATA
(sAGE2535-SAU)

HDD

3.5' IDE

Connet to

PC

iStarUSA™

About RAID :

RAID -which stands for "Redundant Array of Inexpensive Disks" is a technology that employs the simultaneous use of two or more hard disk drives to achieve greater levels of performance, reliability, and/or larger data volume sizes.

BPN Series

Newest Design
RAID Ready

iStarUSA

FOR 3.5 SATA HDD
MOBILE RACK
INTERNAL ENCLOSURE
EXTERNAL RAID ENCLOSURE
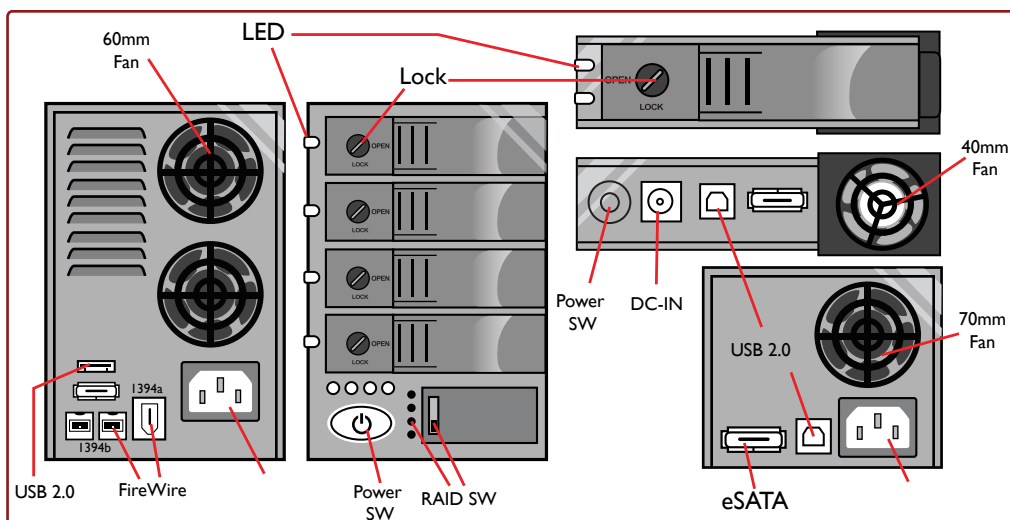
iStarUSA

FOR 3.5 SATA HDD

TRAYLESS ENCLOSURE & EXTERNAL RAID ENCLOSURE

1 BAY
2 BAY
4 BAY

v7AGE Series are for 3.5" SATA hard drives with storage capacity unlimited. With the screw-less technology designed for easy installation, plug and play fatctor. LEDs for power on, HDD activity and blue LEDs for RAID level and data connection.

v7AGE420-SAUF

v7AGE220-SAU

vAGE120-SAU

v7AGE

SERIES

60mm Fan

LED

Lock

40mm Fan

Power SW

DC-IN

USB 2.0

70mm Fan

USB 2.0

1394a

1394b

FireWire

Power SW

RAID SW

eSATA

Features :
- Screwless Design for Fast HDD Mounting and Swapping
- 70 mm Thermal Controlled Fan for Excellent Heat Dissipation
- Internal 60 Watt Power Supply
- Power Switch at Front
- For Use with All 3.5" SATA I/II HDD
- RAID Level Switch at Front
- RAID 0-Stripping Mode: Maximum Speed by Two Simultaneous Writing HDDs
- BIG Mode: Two HDDs Combined and Shown Up as One Single Drive (No RAID)
- RAID 1-Mirroring Mode: Maximum Security by HDD Mirroring
- JBOD Mode: Two Independent Hard Drives (No RAID)

iStarUSA

FOR 3.5 SATA HDD
INTERNAL HDD ENCLOSURE

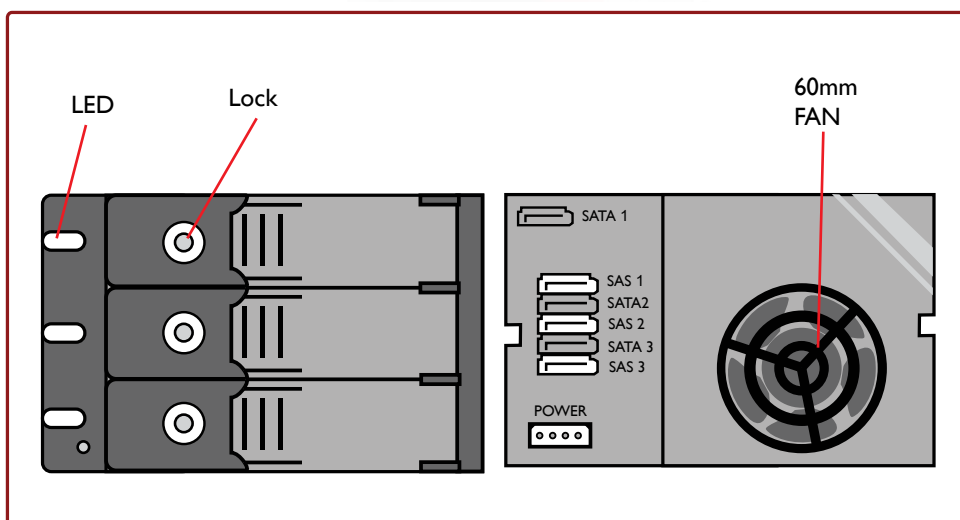HTL Tech : Hard Disk Drive Trayless Technolgy

230 SAS

BPN-230SAS is a mobile rack for the mainstream hard disk drive on the market today. It supports up to 3 SAS/SATA HDDs and can be applied for different RAID functions. With this device, hard disk drive can be installed and replaced at any time without the need to take off the PC casing. Also, the aluminum design and built-in cooling fan definitely helps for heat dissipating. BPN-230SAS definitely offers an economical removable storage solution.

BPN
SERIES

LED Lock 60mm FAN

SATA 1

SAS 1
SATA2
SAS 2
SATA 3
SAS 3

POWER

Features :

- Ideal for 3 Drive RAID Configurations
- Multi-functional LED Indication
- Support SAS/ SATA I/II Hard Drives
- Hot Swappable Ability
- Data Transfer Rate up to 3.0 Gb/s
- 60mm Cooling Fan for Reliable Thermal Solution
- Lockable Design to Avoid Accidental Removal

iStarUSA
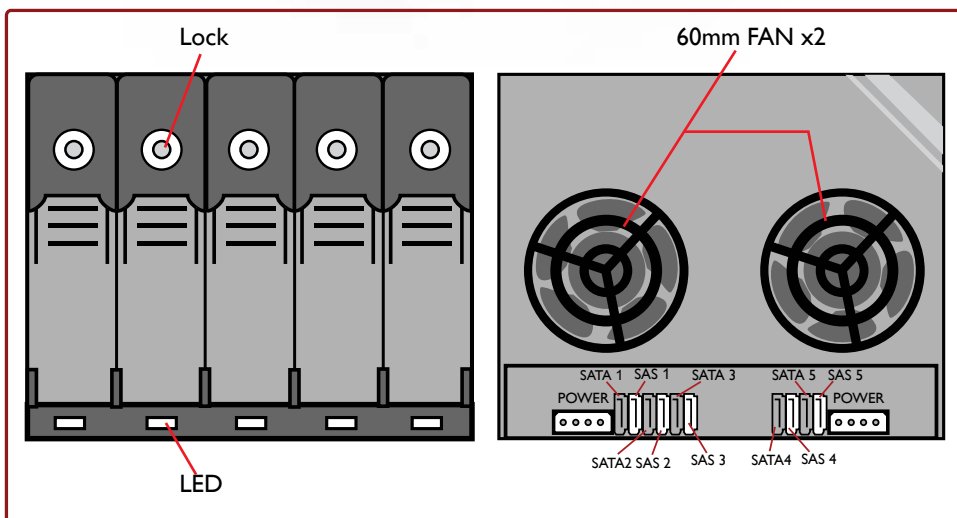## FOR 3.5 SATA HDD
INTERNAL HDD ENCLOSURE

350_{SAS}

BPN-350SAS is a mobile rack for the mainstream hard disk drive on the market today. It supports up to 5 SAS/SATA HDDs and can be applied for different RAID functions. With this device, hard disk drive can be installed and replaced at any time without the need to take off the PC casing. Also, the aluminum design and built-in cooling fan definitely helps for heat dissipating. BPN-350SAS definitely offers an economical removable storage solution.

BPN
SERIES

Lock

60mm FAN x2

SATA 1   SAS 1   SATA 3   SATA 5   SAS 5
POWER   POWER

SATA2 SAS 2   SAS 3   SATA4 SAS 4

LED

Features :
- Ideal for 5 Drive RAID Configurations
- Multi-functional LED Indication
- Support SAS/ SATA I/II Hard Drives
- Hot Swappable Ability
- Data Transfer Rate up to 3.0 Gb/s
- Two 60mm Cooling Fan for Reliable Thermal Solution
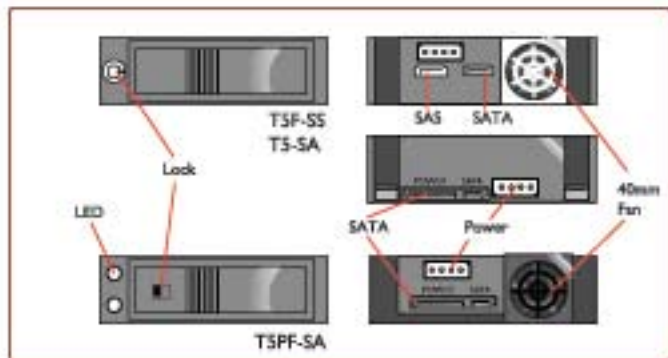- Lockable Design to Avoid Accidental Removal

iStarUSA
FOR 3.5 SATA HDD
MOBILE RACK

T5PF-SA
T5F-SS
T5-SA

T5 Series is a series of mobile racks for useing with 3.5" SAS ans SATA I/II hard drive. The capacity of the hard drive to be used in T5 series is with no upper limit. The tray-less and screw-less design makes installation fast and easy. The anti-vibration design gives hard drive extra protection from physically damage and optimizes hard drive performance. Blue LED indicates power status and monitor hard drive activity. Security key-lock prevents intrusion and theft to the most important data
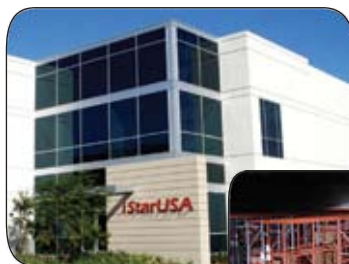
T-5
SERIES

Features :
- Screw-less and Tray-less Design for Fast HDD Installing
- Air Cushion/rubber Pad for Anti-Vibration
- Support SAS SATA I/II Hard Drive
- Key Lock Prevents Theft or Removal During Operation
- Fit for Standard 5.25" Drive Bay
- Best Air Ventilation with 1 x 40mm Fan (except T5-SA)

T5F-SS
T5-SA

Lock

LED

SAS   SATA

SATA   Power   40mm Fan

T5PF-SA

iStarUSA™

iStar USA

Over 20 years of experi-ences in design-ing and manufacturing industrial sytem components. With 5 divisions of prod-ucts, we offer the completeservice with qualities Custom Power Supply, Power Supply, IPC/DVR Rackmount Chassiss, Cabinet, Storage and specialized service for OEM / ODM projects.

www.iStarUSA.com

Applications

External Plug & Play

Internal Extension

Home

Office / Work Station

Office / Work Station

Accessories

Optional converter and protection kit to build your storage system, especially ideal for going well with our enclosures. You can also search here for spare parts, i.e. SATA Tray, HDD backplane, PCBA, etc for system integration purpose. As Internal 5.25" Bays Solutions.

2.5" HDD Protection	3.5" HDD Protection	3.5" HDD Drawer	3.5" HDD Mobile Rack (Internal use only)
sAGE25P-H	sAGE35P-H	sAGE35D	T5PF-SA

iStarUSA

**TrayLess
Docking
HDD Reader**