

**iStarUSA™**

**D-Storm Series  
Rackmount DVR  
Chassis**

**Guide Book**



# Table of Contents

## 2U Chassis

|              |    |
|--------------|----|
| D-200        | 5  |
| D-200S       | 6  |
| D-200-FS     | 7  |
| D-200-PFS    | 8  |
| D-200A-T     | 9  |
| D-200-T      | 10 |
| D-200L       | 11 |
| D-200L-FS    | 12 |
| D-200L-T     | 13 |
| D-206        | 14 |
| D2-200       | 15 |
| D2-200L-M4SA | 16 |
| D3-200L      | 17 |
| D4-200-FS    | 18 |

## 3U Chassis

|              |    |
|--------------|----|
| D-300        | 21 |
| D-300S5      | 22 |
| D-300A       | 23 |
| D-300AS      | 24 |
| D-300-FS     | 25 |
| D-300-PFS    | 26 |
| D-300L       | 27 |
| D-300L-FR    | 28 |
| D-300L-FS    | 29 |
| D2-300       | 30 |
| D2-300L-M6SA | 31 |
| D3-300L      | 32 |
| D4-300-FS    | 33 |

## 4U Chassis

|               |    |
|---------------|----|
| D-400         | 37 |
| D-400-2P      | 38 |
| D-400-5       | 39 |
| D-400-6       | 40 |
| D-400-7       | 41 |
| D-400-7P      | 42 |
| D-400-8       | 43 |
| D-400A        | 44 |
| D-400A-6      | 45 |
| D-400-JB      | 46 |
| D-400-PTS8    | 47 |
| D-400L-7      | 48 |
| D-414         | 49 |
| D-414L-2P     | 50 |
| D-414L-7      | 51 |
| D-420L        | 52 |
| D2-400L-M10SA | 53 |
| D3-400L       | 54 |
| D4-400-6      | 55 |

|                  |    |
|------------------|----|
| Product Overview | 56 |
|------------------|----|



# 2U Chassis



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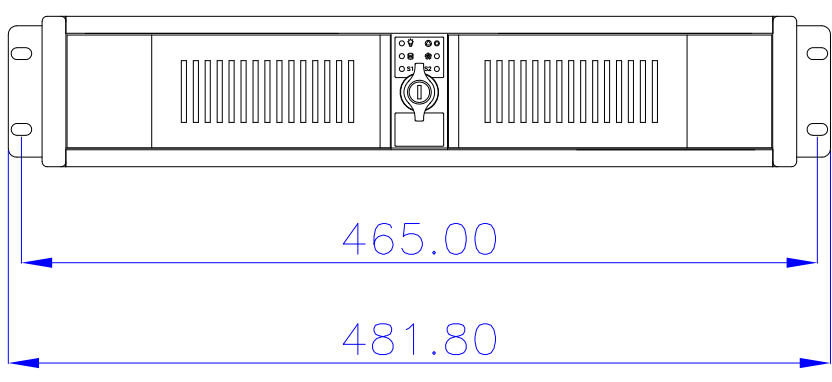
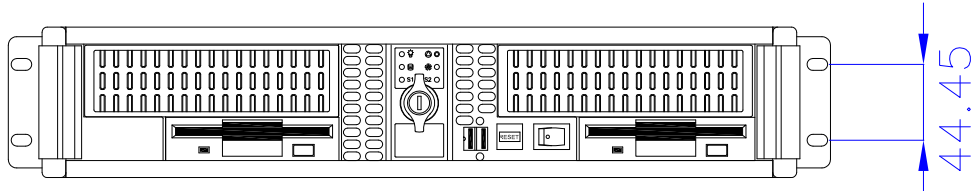
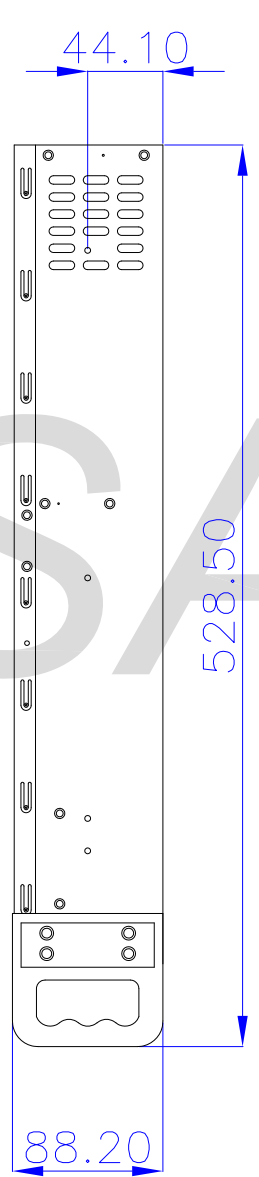
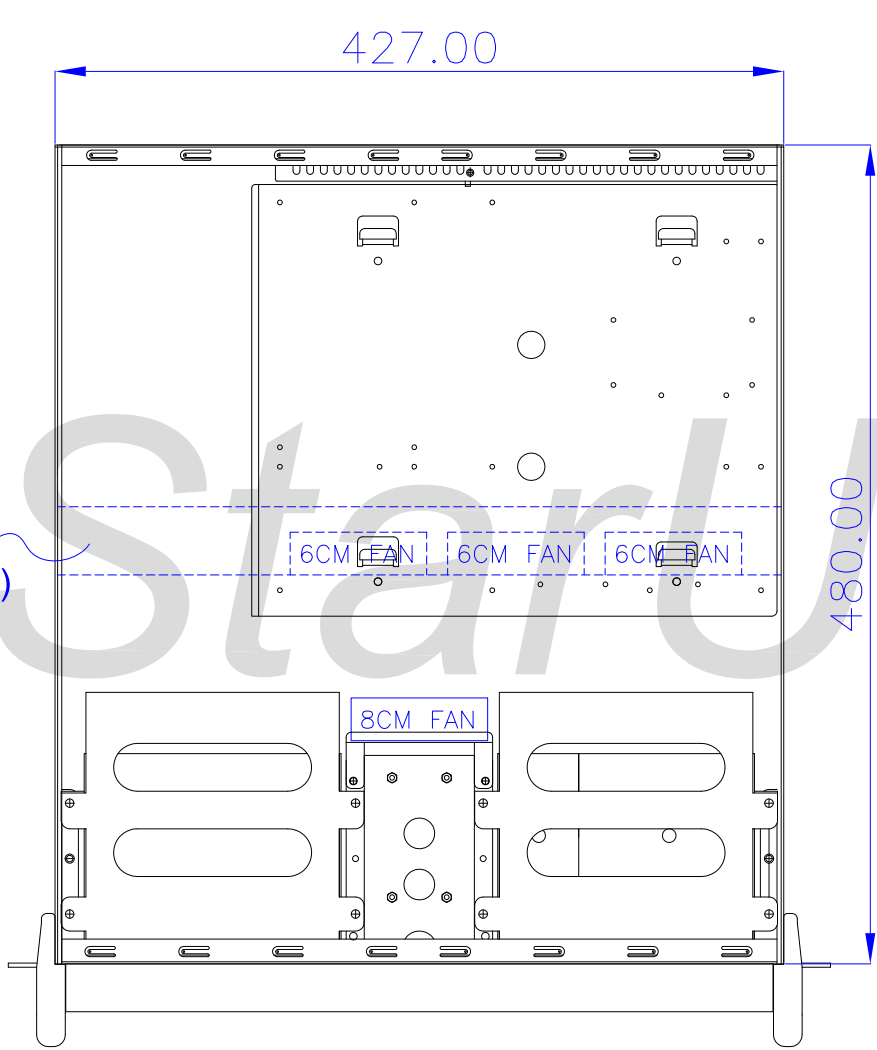
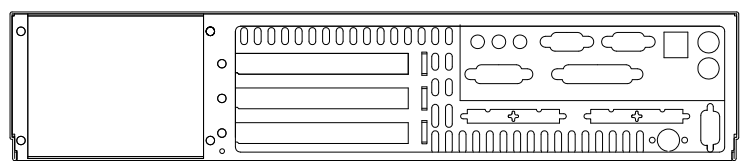
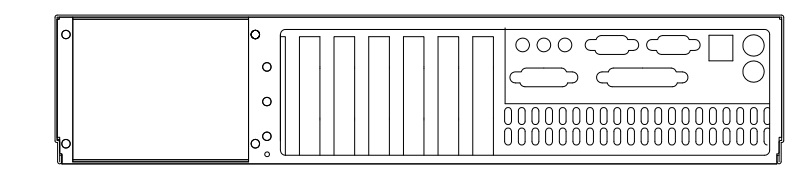
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(6cm x3 Option)



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| Model NO. | D-200                     | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *2        | DATE      | 2008/09/10 |       |     |
| INT       |                           | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 9.6"                | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1 | DRAWN     | ANDY       | UNIT  | mm  |



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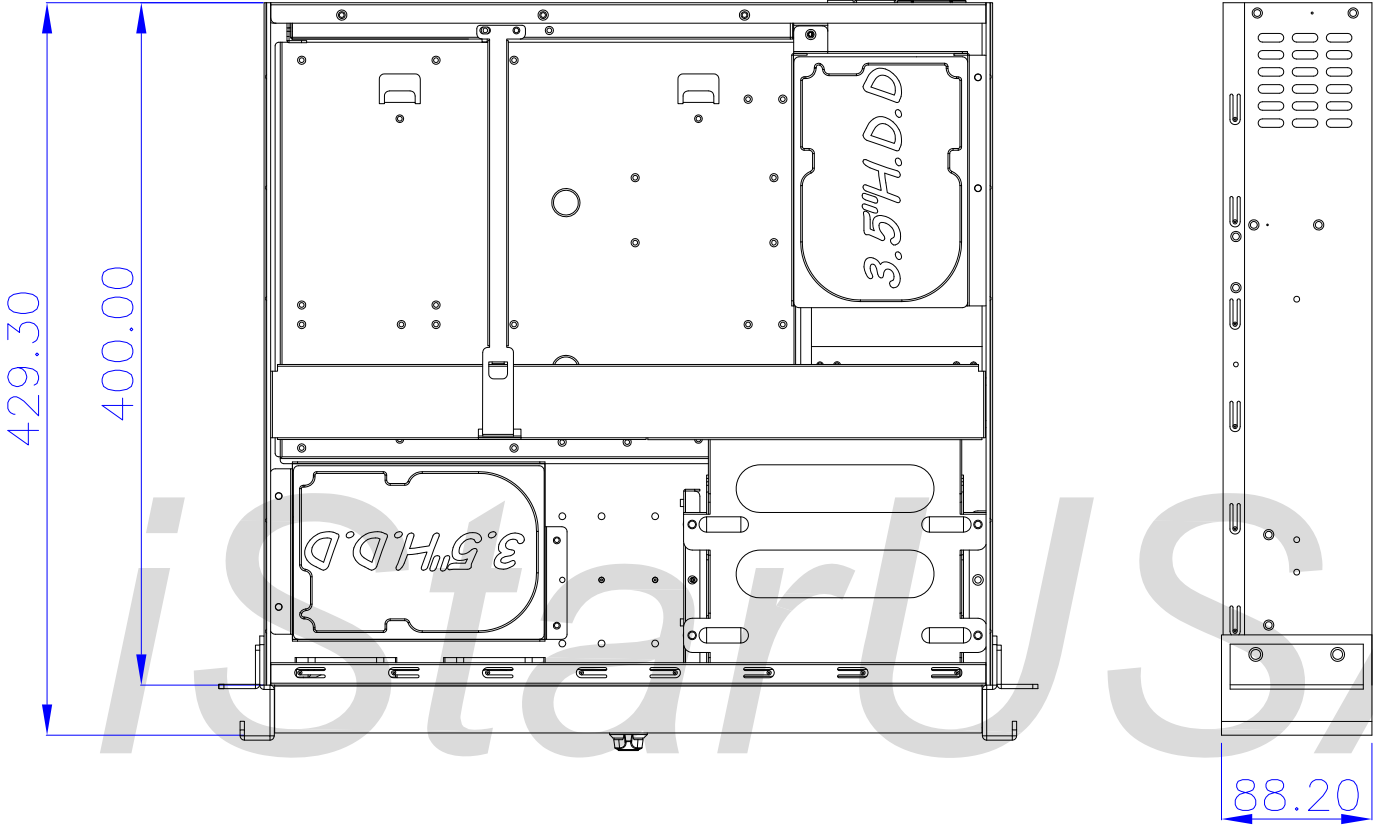
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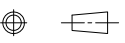


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| Model NO. | D-200S                    | iStarUSA™ |                                                                                       |       |     |
| EXT       | 5.25" *1 + 3.5" *1        | DATE      | 2008/09/10                                                                            |       |     |
| INT       | 3.5" *3                   | PROJ      |  |       |     |
| M/B       | 12" * 9.6"                | REV NO.   | X                                                                                     | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1 | DRAWN     | ANDY                                                                                  | UNIT  | mm  |

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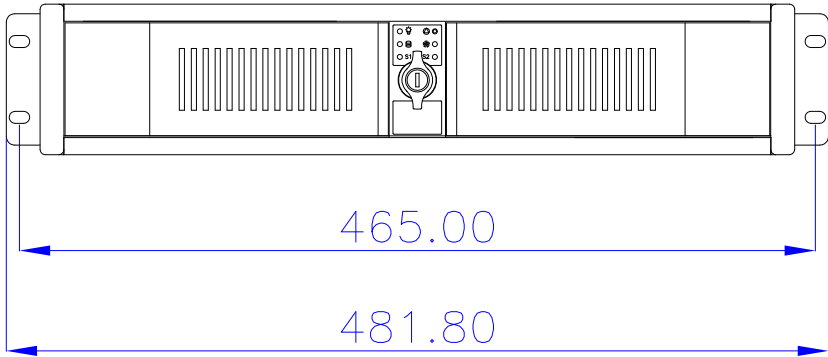
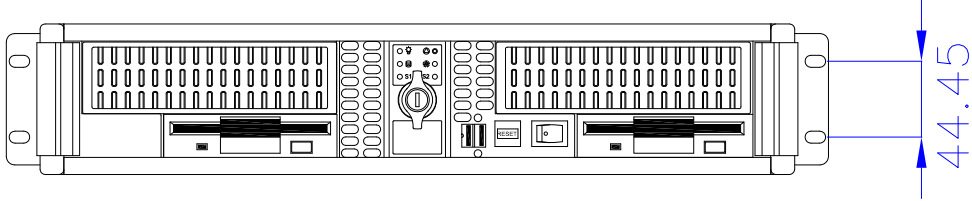
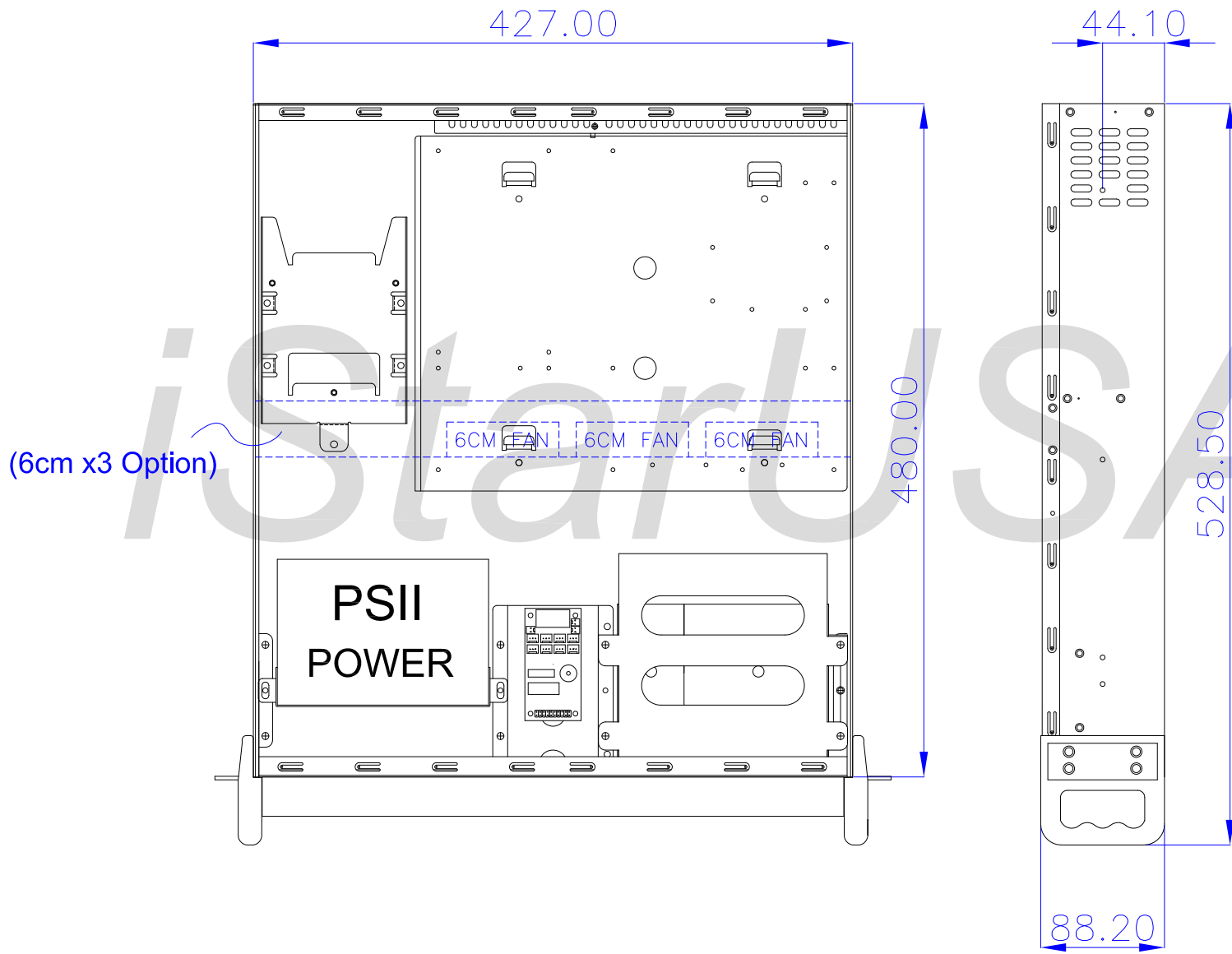
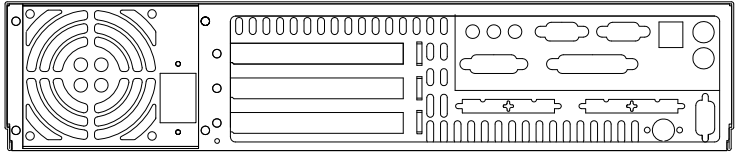
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| Model NO. | D-200-FS                  | iStarUSA™ |                                                                                                                                                                             |       |     |
| EXT       | 5.25" *2 + 3.5" *2        | DATE      | 2008/09/10                                                                                                                                                                  |       |     |
| INT       | 3.5" *2                   | PROJ      |   |       |     |
| M/B       | 12" * 9.6"                | REV NO.   | X                                                                                                                                                                           | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1 | DRAWN     | ANDY                                                                                                                                                                        | UNIT  | mm  |



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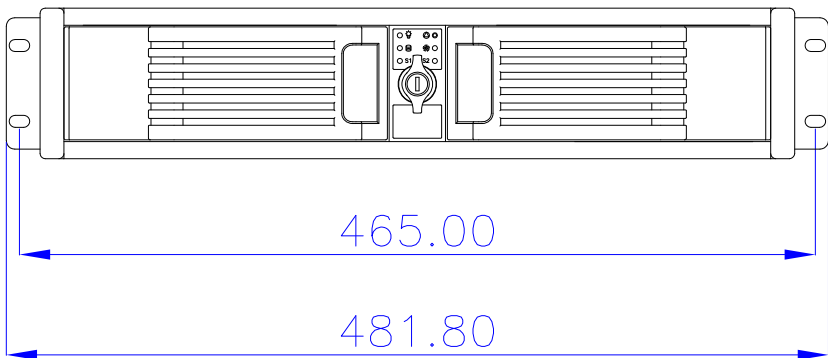
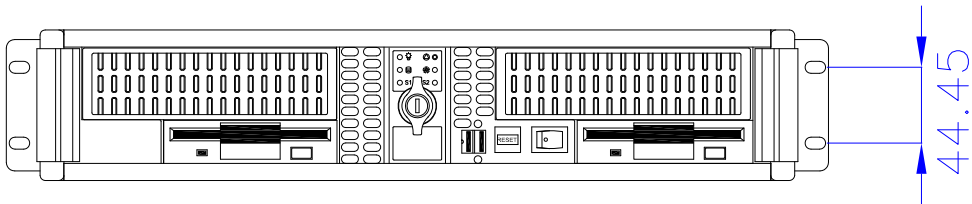
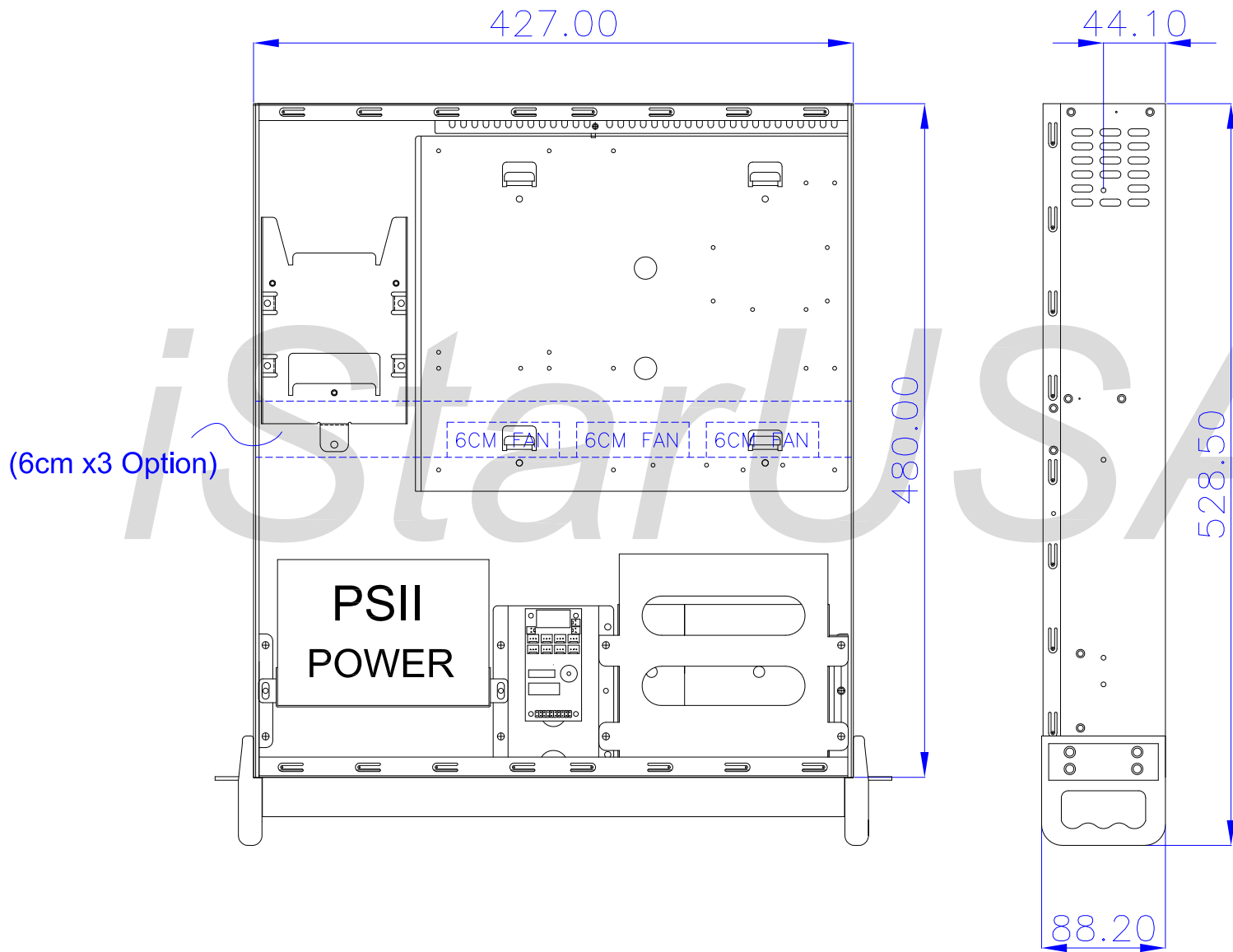
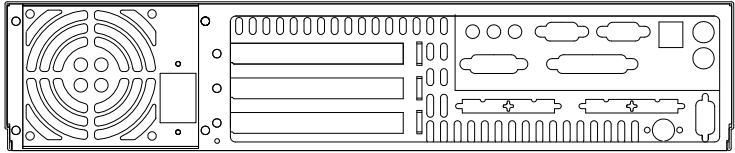
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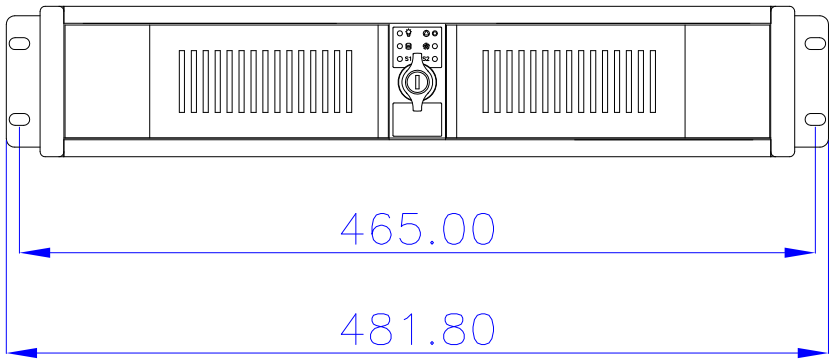
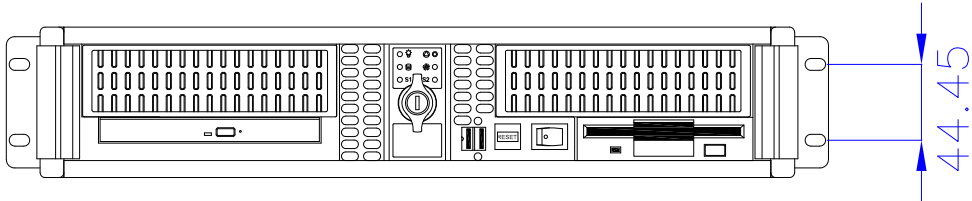
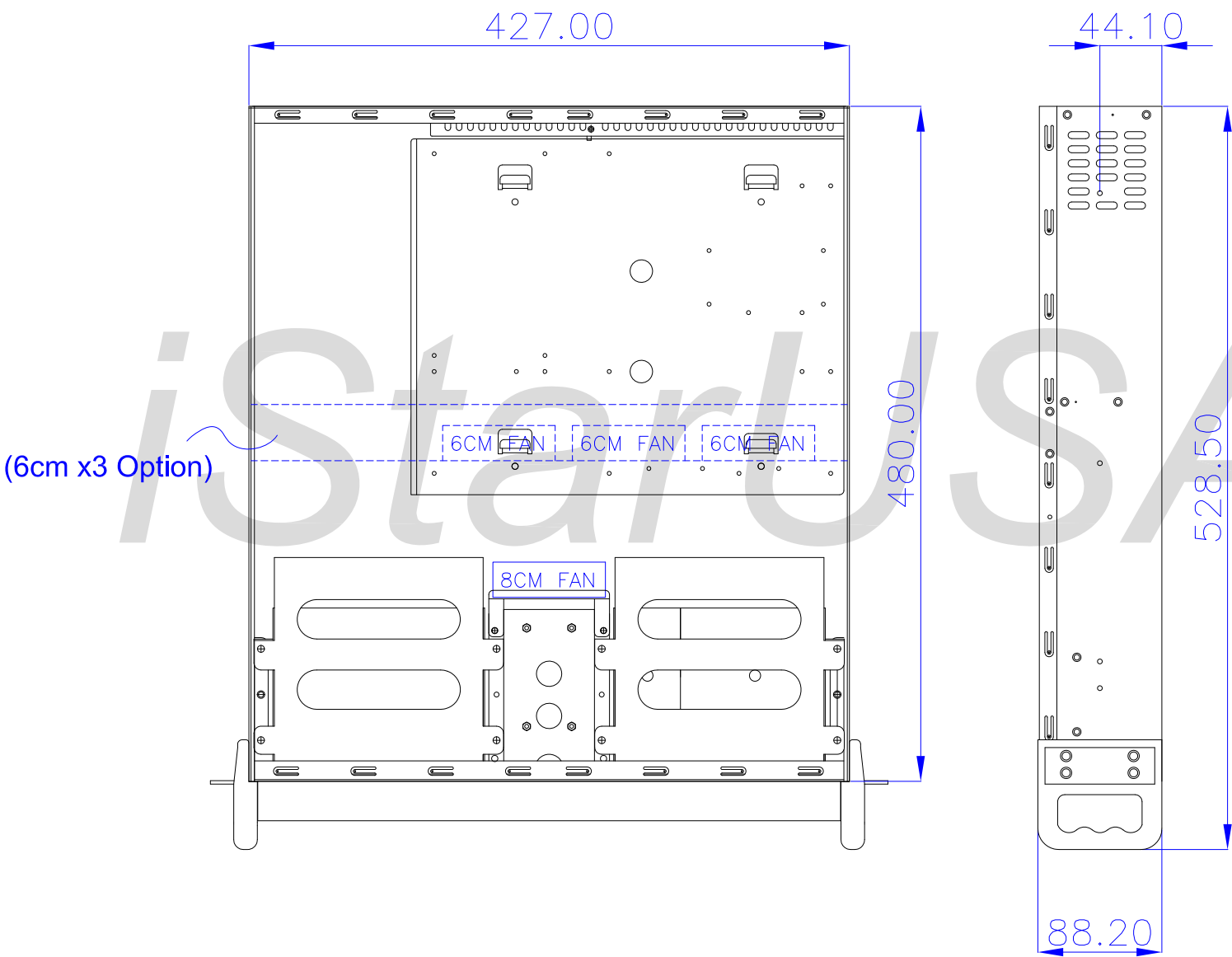
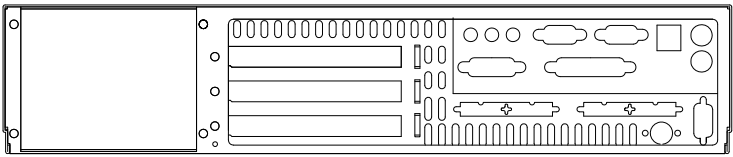
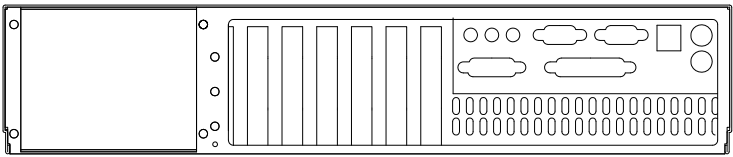
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|-----------|---------------------------|-----------|------------|-------|-----|
| Model NO. | D-200-PFS                 | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *2        | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *2                   | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 9.6"                | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1 | DRAWN     | ANDY       | UNIT  | mm  |

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|-----------|----------------------------------|-----------|------------|-------|-----|
| Model NO. | D-200A-T                         | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *1<br>+ SlimCD*1 | DATE      | 2008/09/10 |       |     |
| INT       |                                  | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 9.6"                       | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1        | DRAWN     | ANDY       | UNIT  | mm  |

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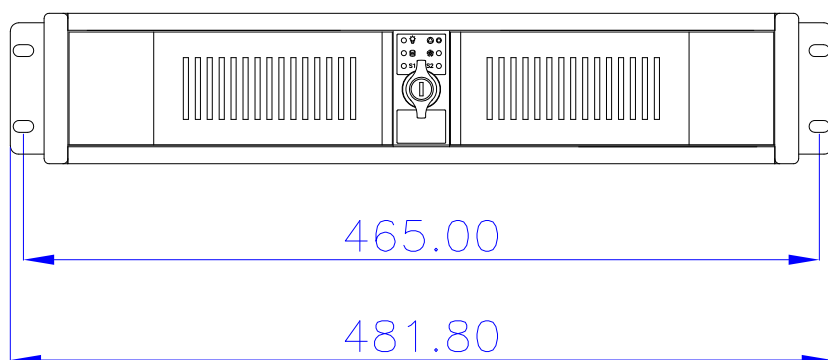
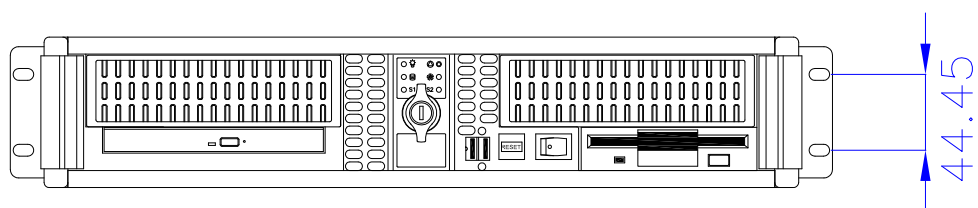
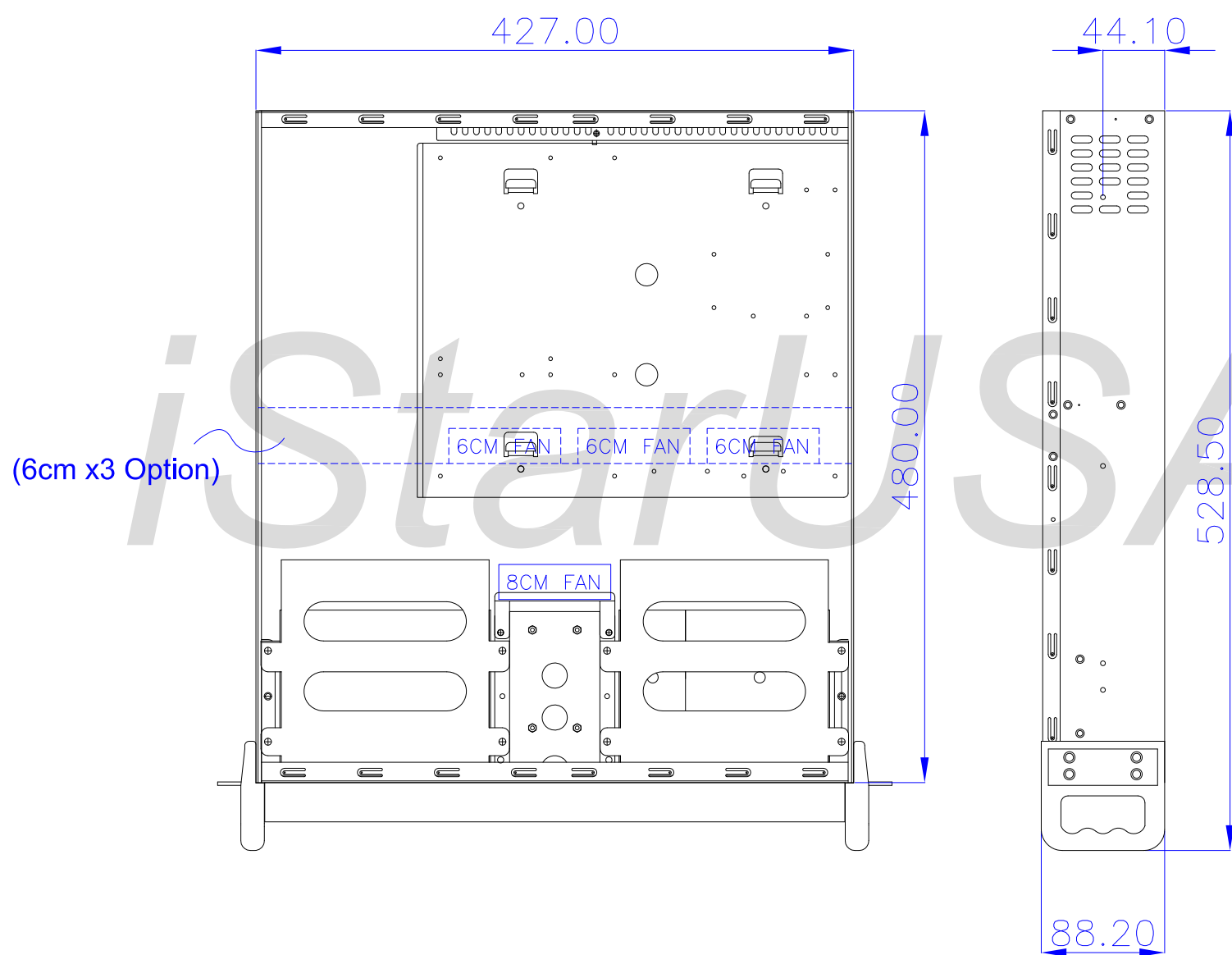
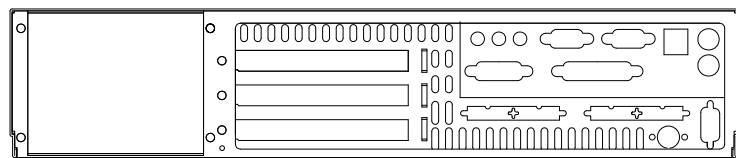
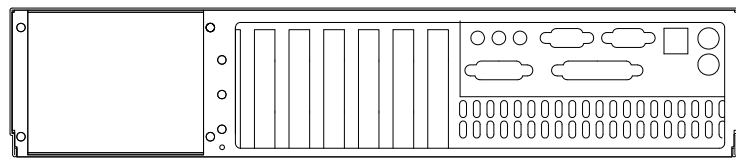
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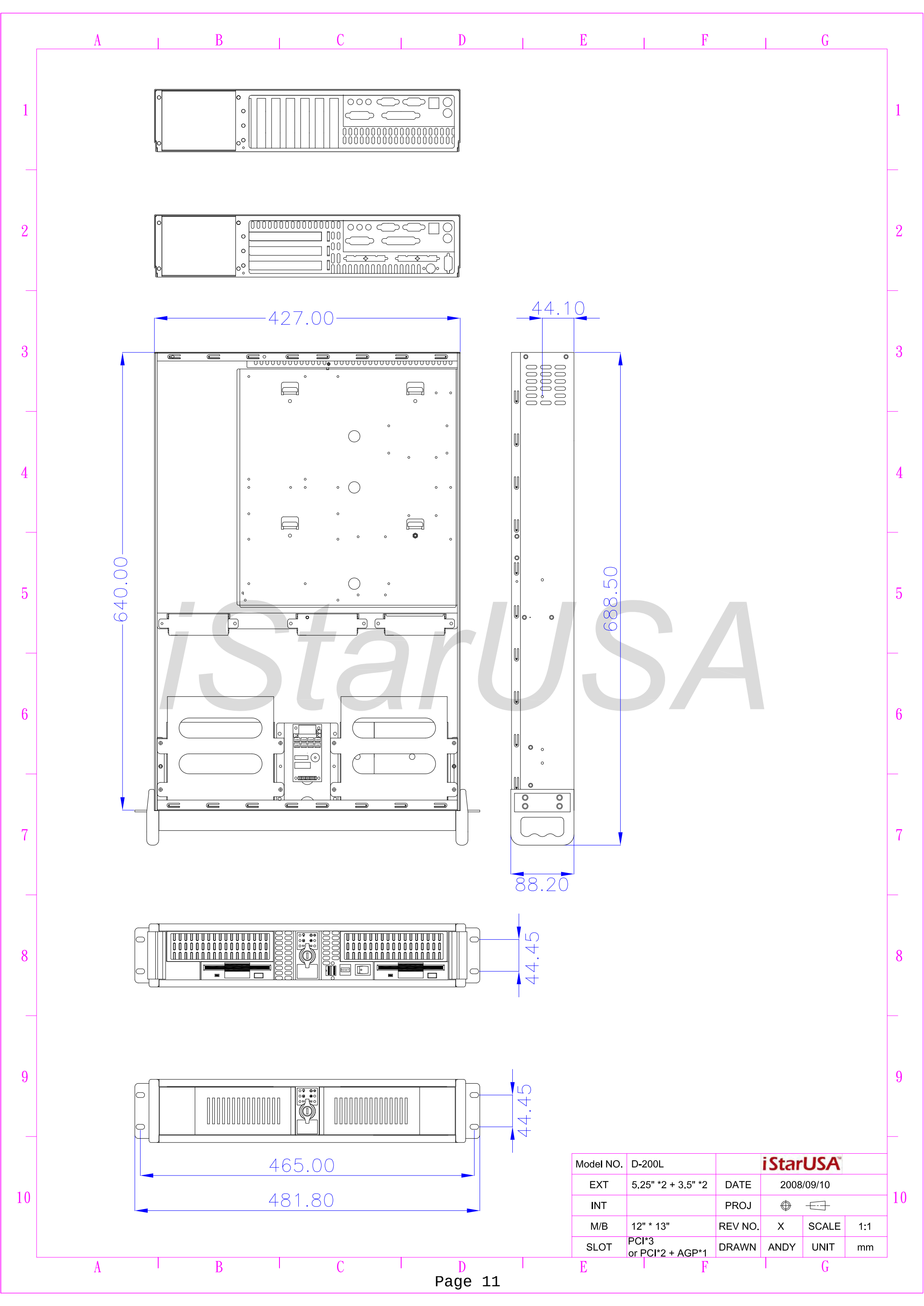
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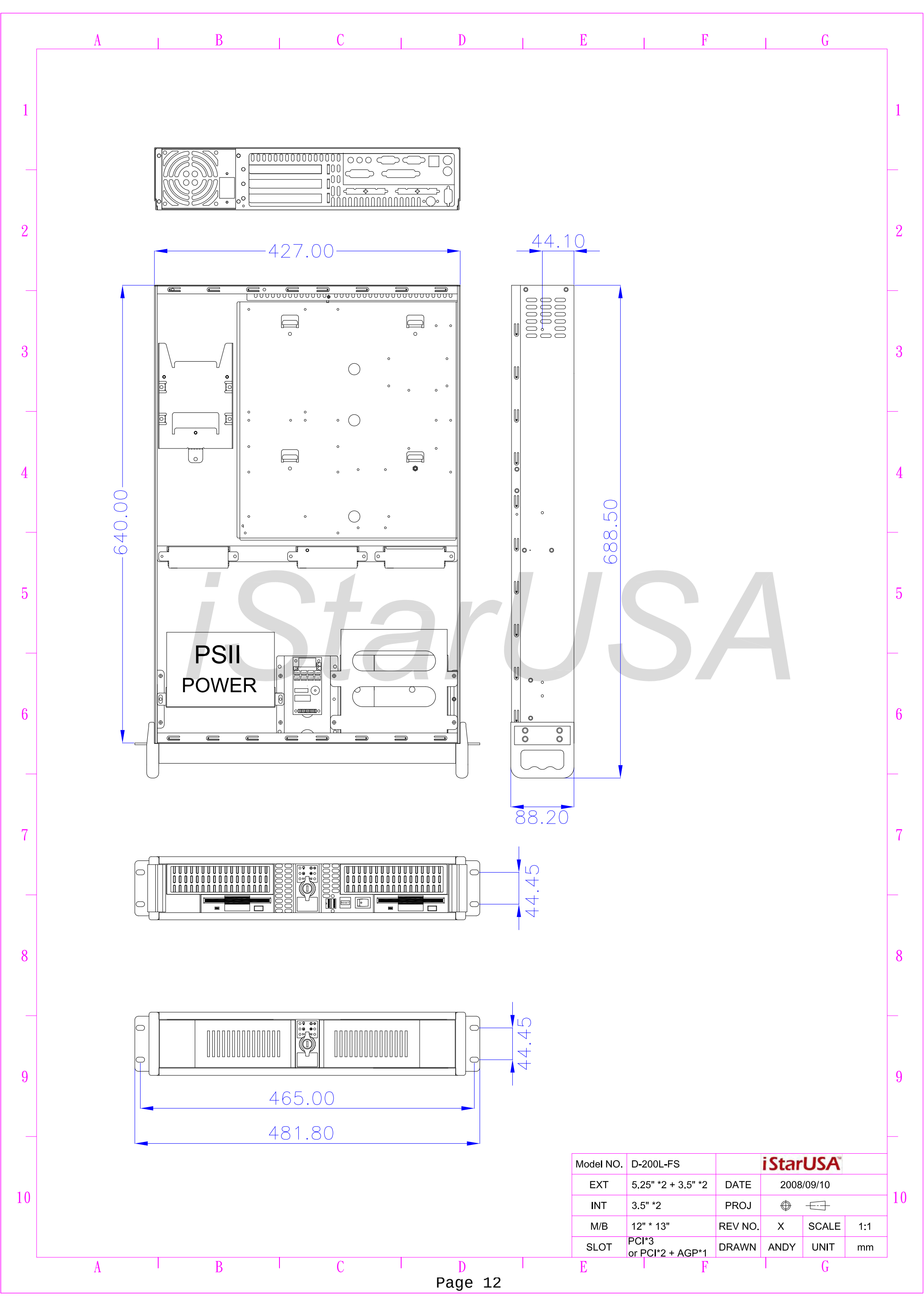


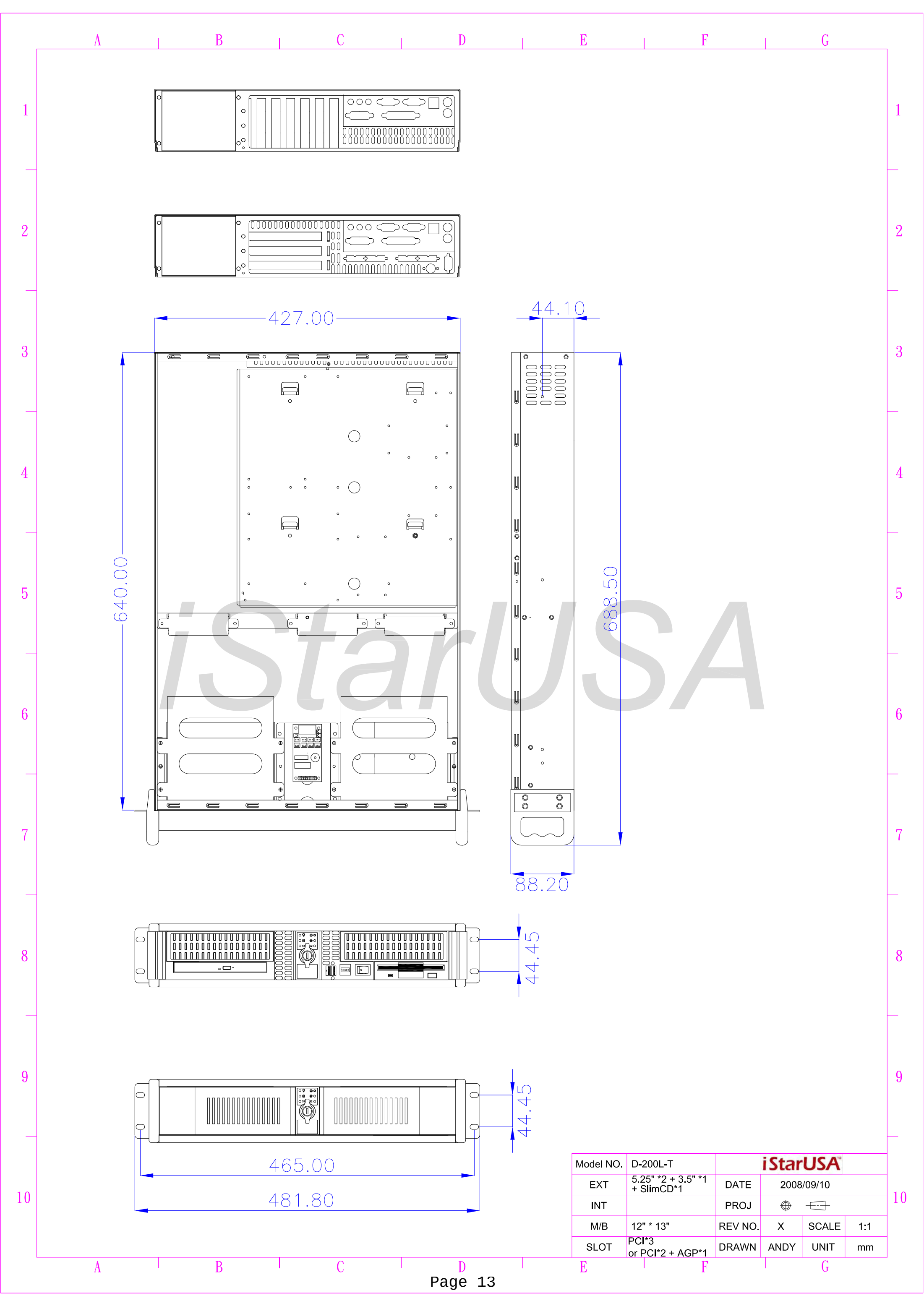
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|-----------|----------------------------------|-----------|------------|-------|-----|
| Model NO. | D-200-T                          | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *1<br>+ SlimCD*1 | DATE      | 2008/09/10 |       |     |
| INT       |                                  | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 9.6"                       | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1        | DRAWN     | ANDY       | UNIT  | mm  |



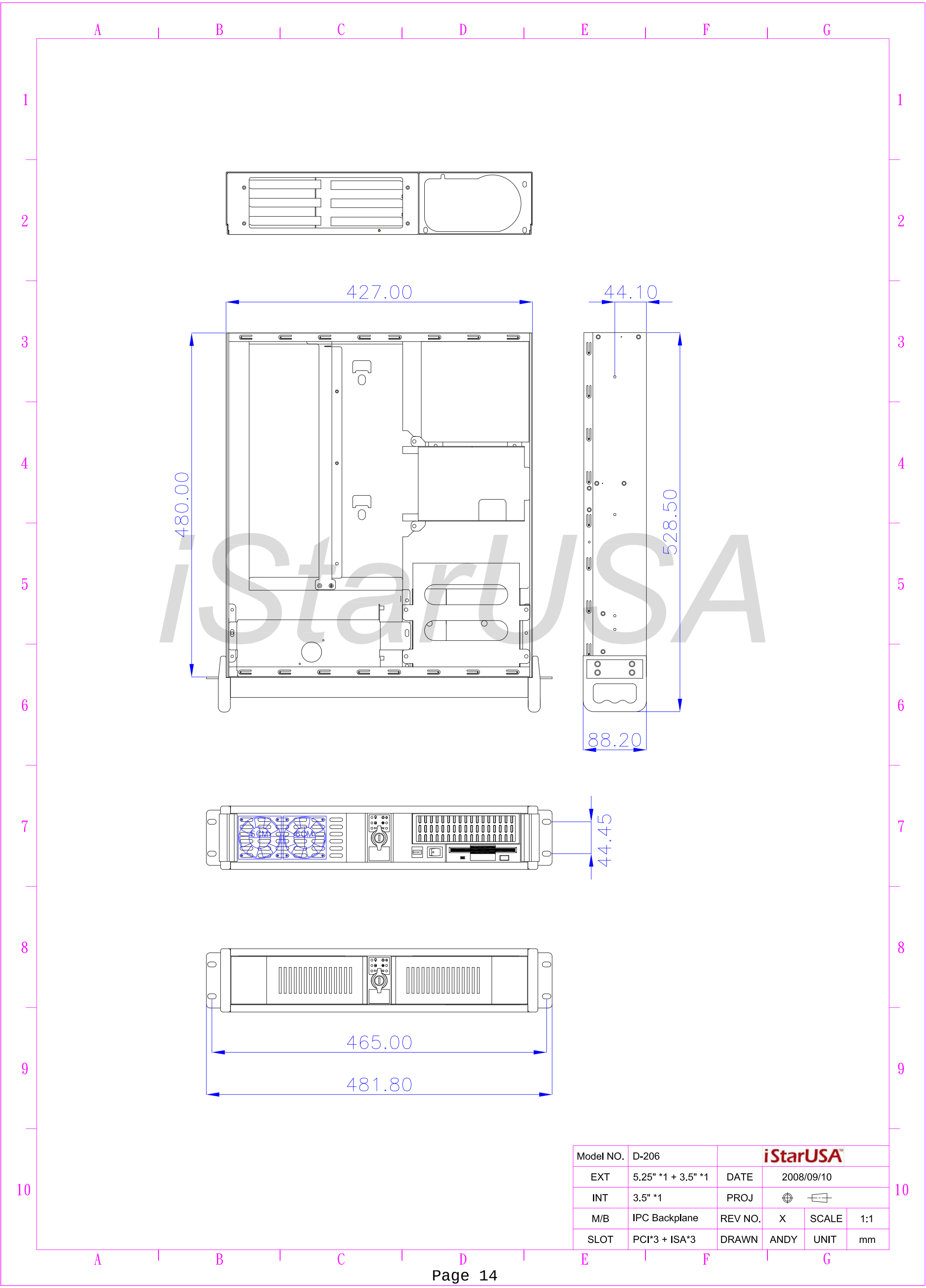


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| Model NO. | D-200L                    | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *2        | DATE      | 2008/09/10 |       |     |
| INT       |                           | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 13"                 | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1 | DRAWN     | ANDY       | UNIT  | mm  |





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| Model NO. | D-200L-T                         | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *1<br>+ SlimCD*1 | DATE      | 2008/09/10 |       |     |
| INT       |                                  | PROJ      | ⊕ ⊞        |       |     |
| M/B       | 12" * 13"                        | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1        | DRAWN     | ANDY       | UNIT  | mm  |



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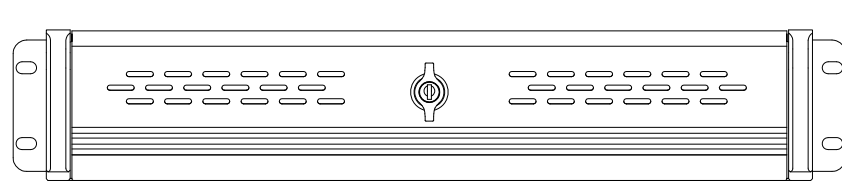
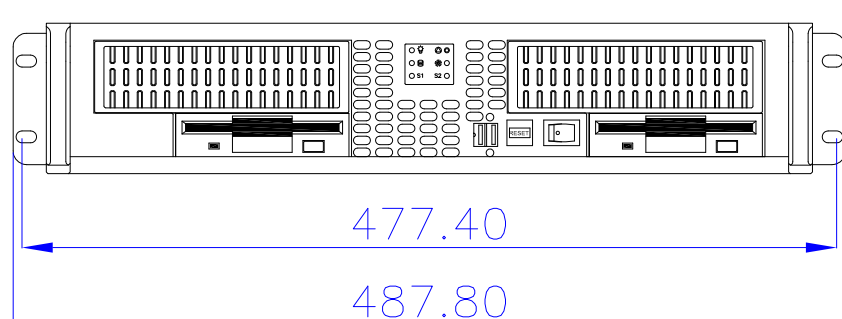
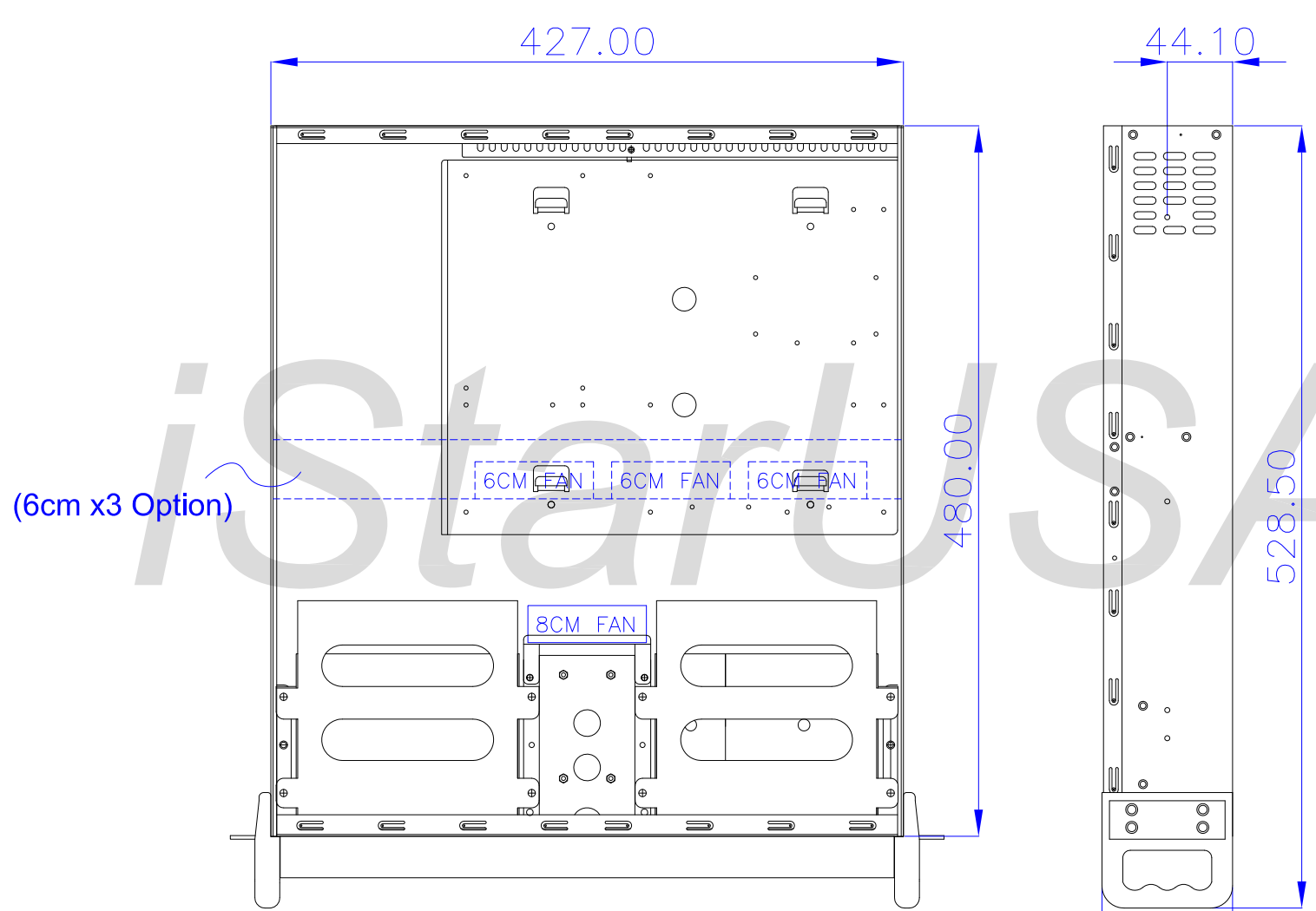
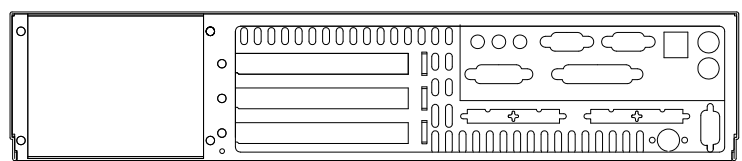
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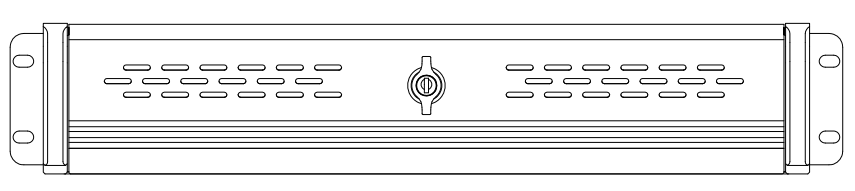
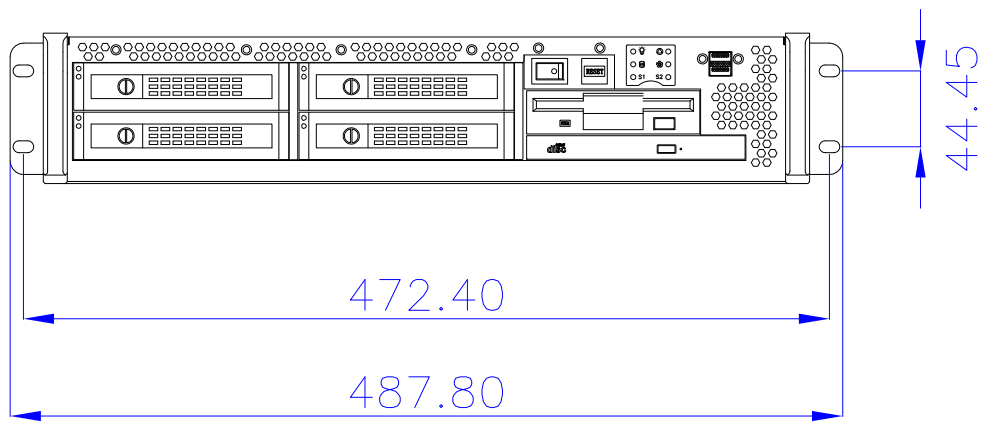
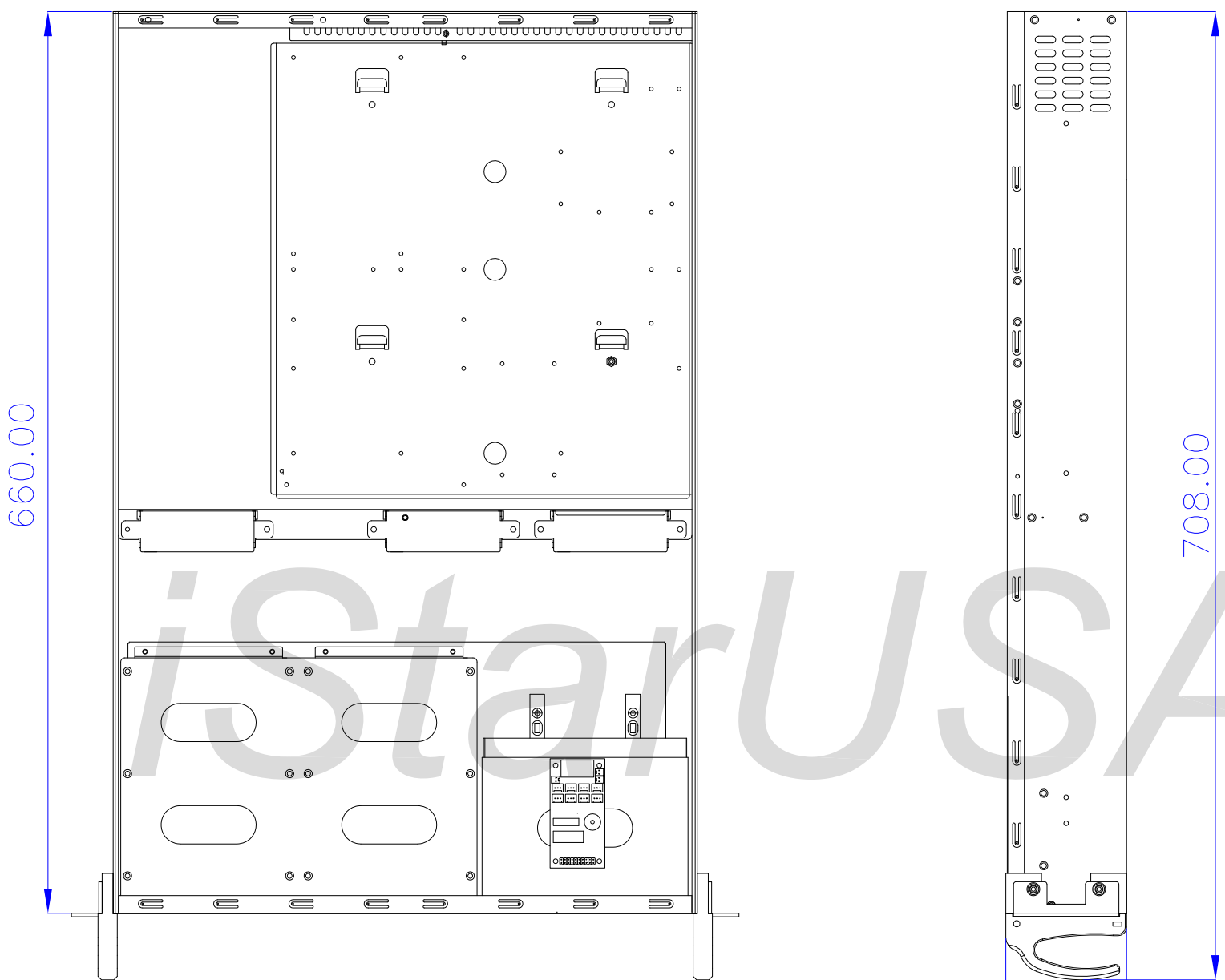
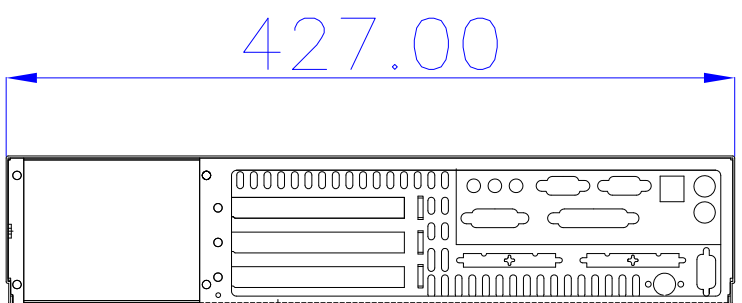
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| Model NO. | D2-200                    | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *2        | DATE      | 2008/09/10 |       |     |
| INT       |                           | PROJ      |            |       |     |
| M/B       | 12" * 9.6"                | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1 | DRAWN     | ANDY       | UNIT  | mm  |



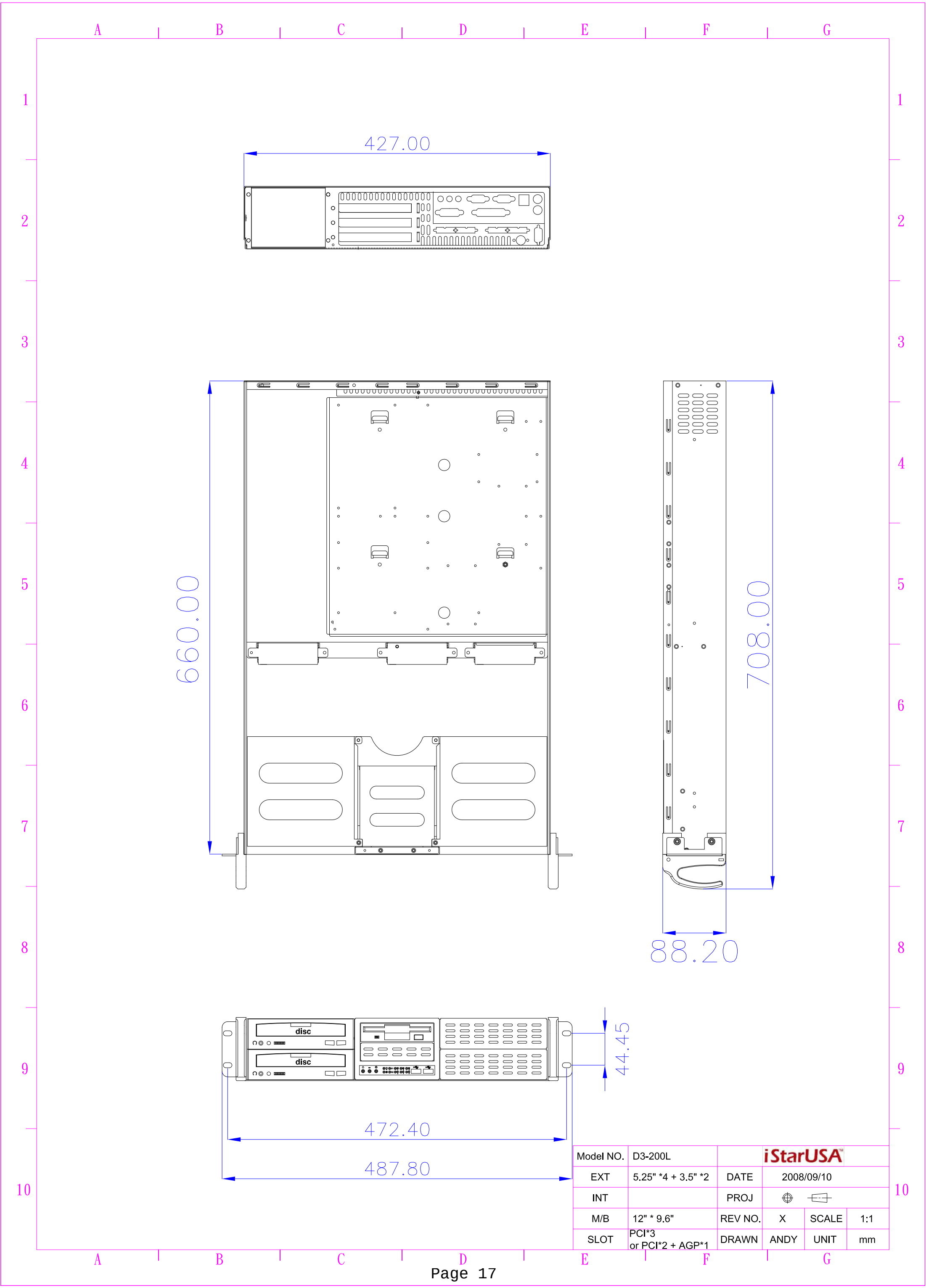
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| Model NO. | D2-200L-M4SA                        | iStarUSA™ |            |       |     |
| EXT       | 3.5" *1 + SlimCD*1<br>+ Hot-Swap *4 | DATE      | 2008/09/10 |       |     |
| INT       |                                     | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 13"                           | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1           | DRAWN     | ANDY       | UNIT  | mm  |



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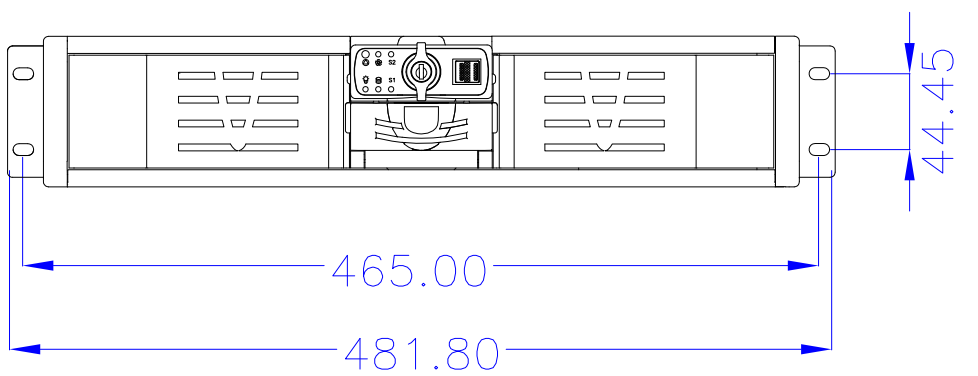
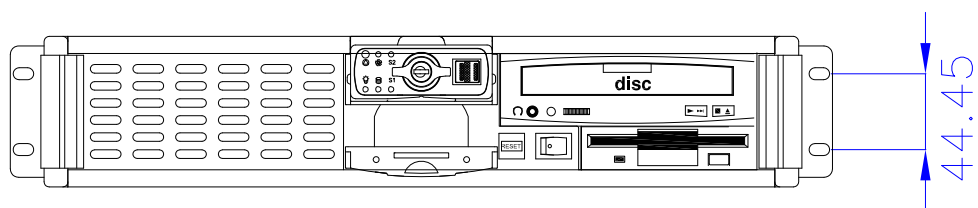
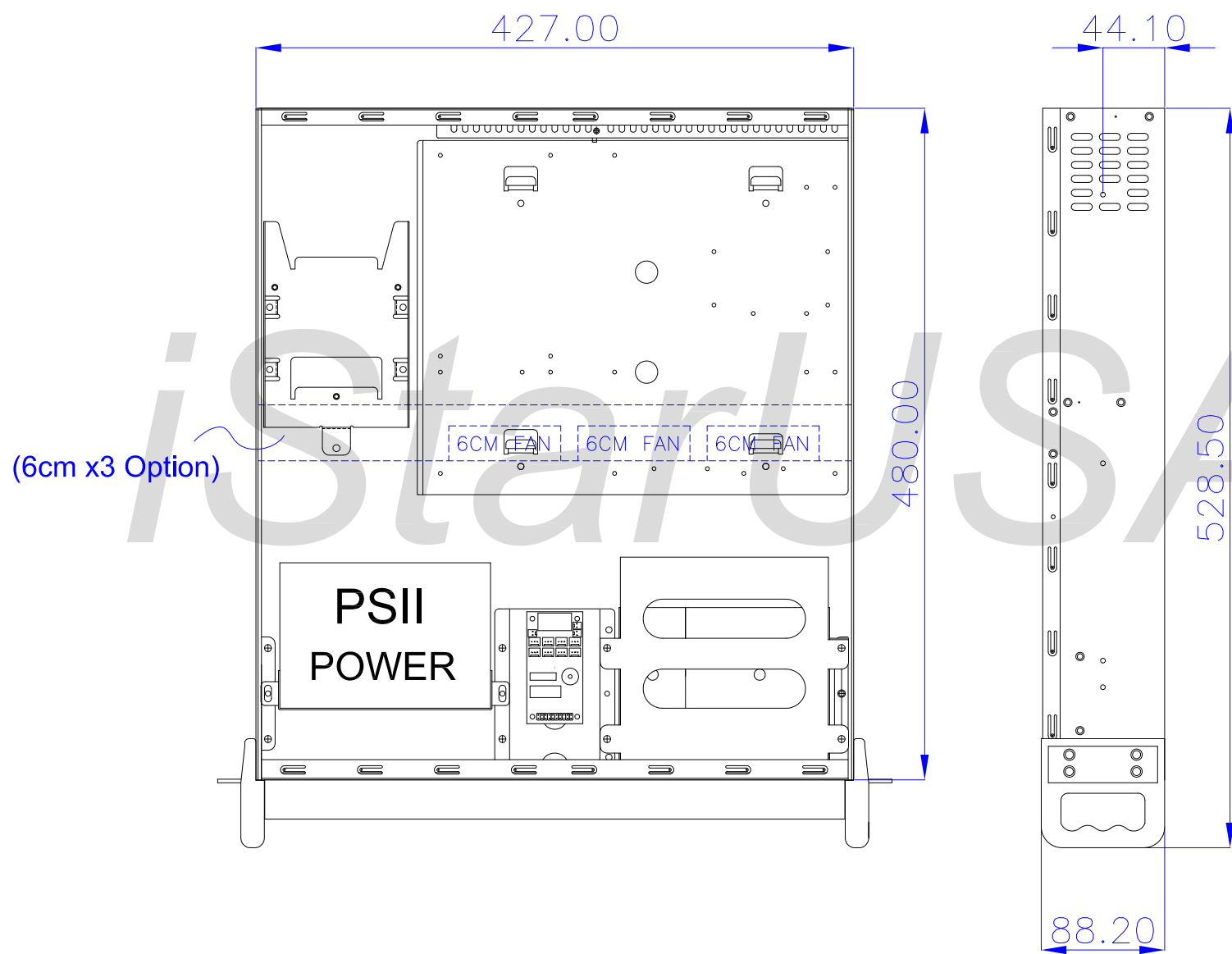
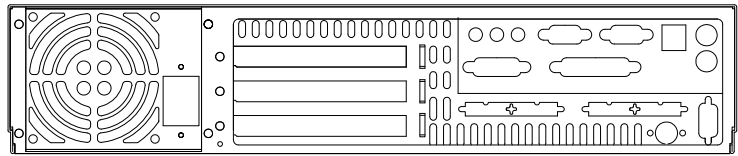
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| Model NO. | D4-200-FS                 | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *2        | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *2                   | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 9.6"                | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | PCI*3<br>or PCI*2 + AGP*1 | DRAWN     | ANDY       | UNIT  | mm  |

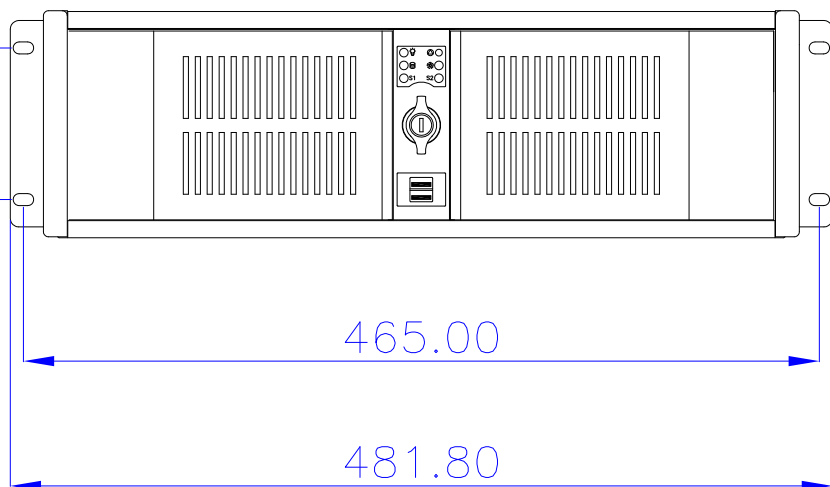
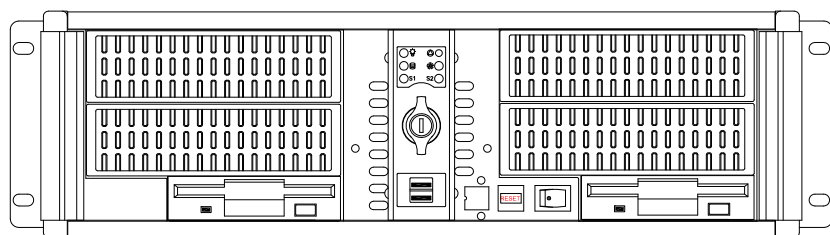
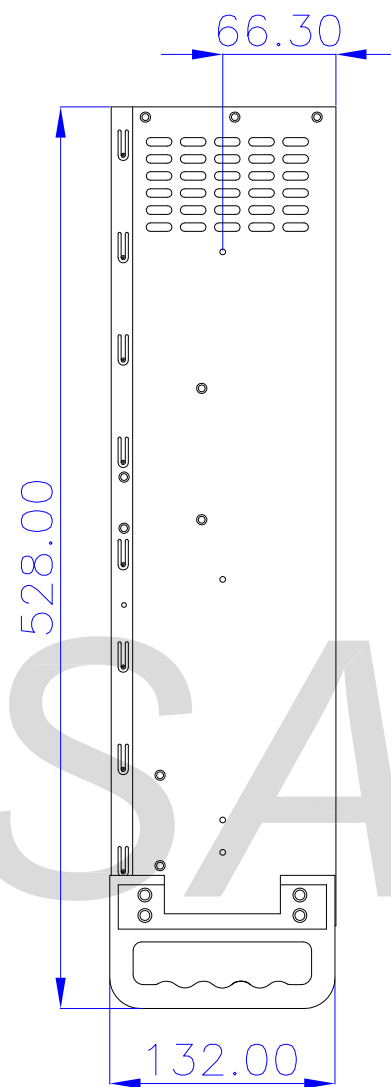
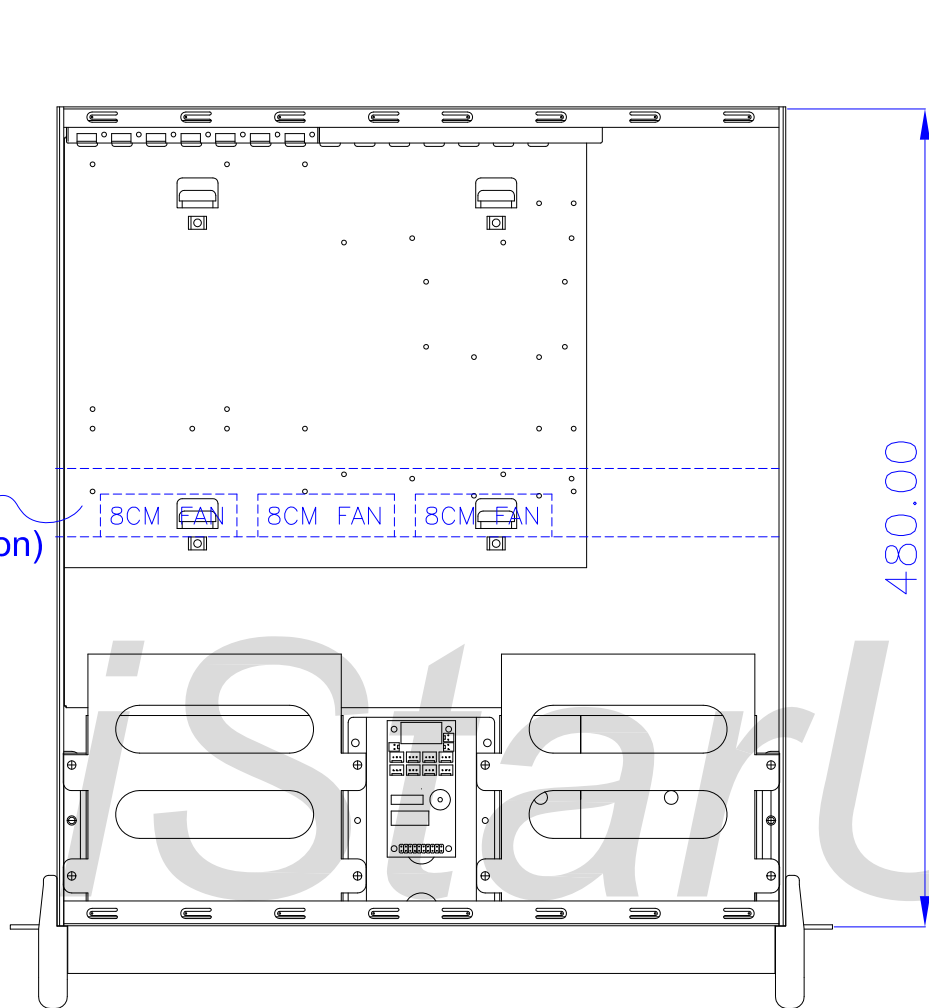
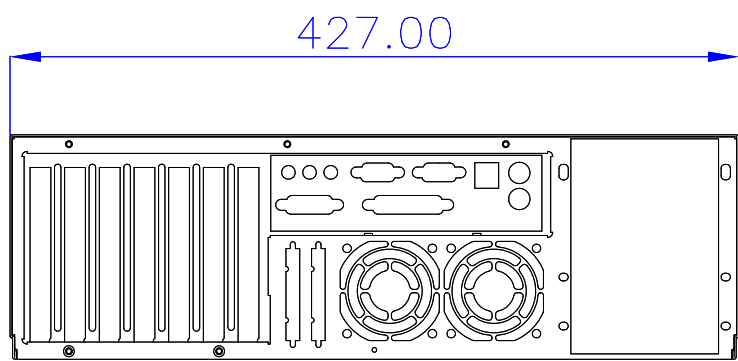
# 3U Chassis



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| Model NO. | D-300              | iStarUSA™ |            |       |     |
| EXT       | 5.25" *4 + 3.5" *2 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *1            | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 9.6"         | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |

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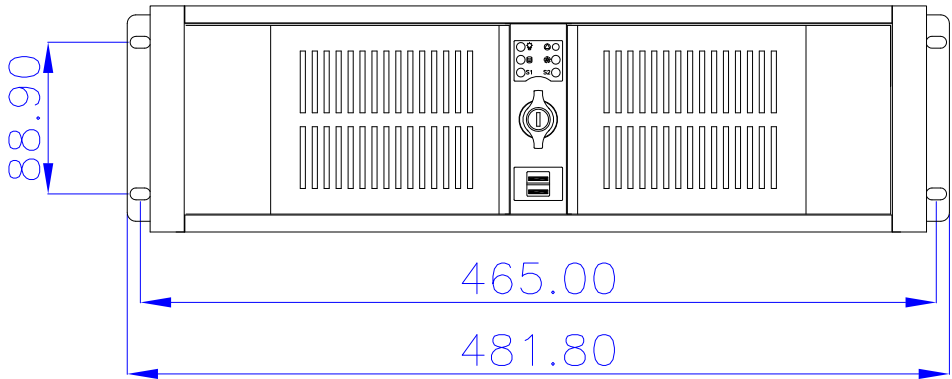
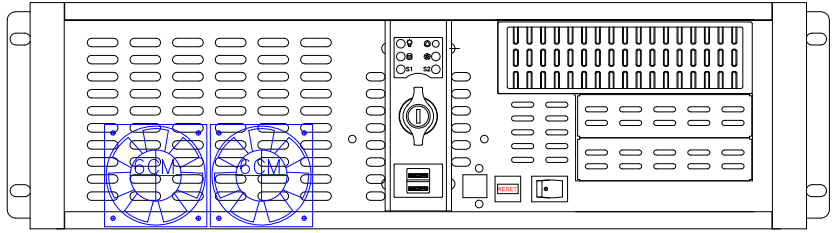
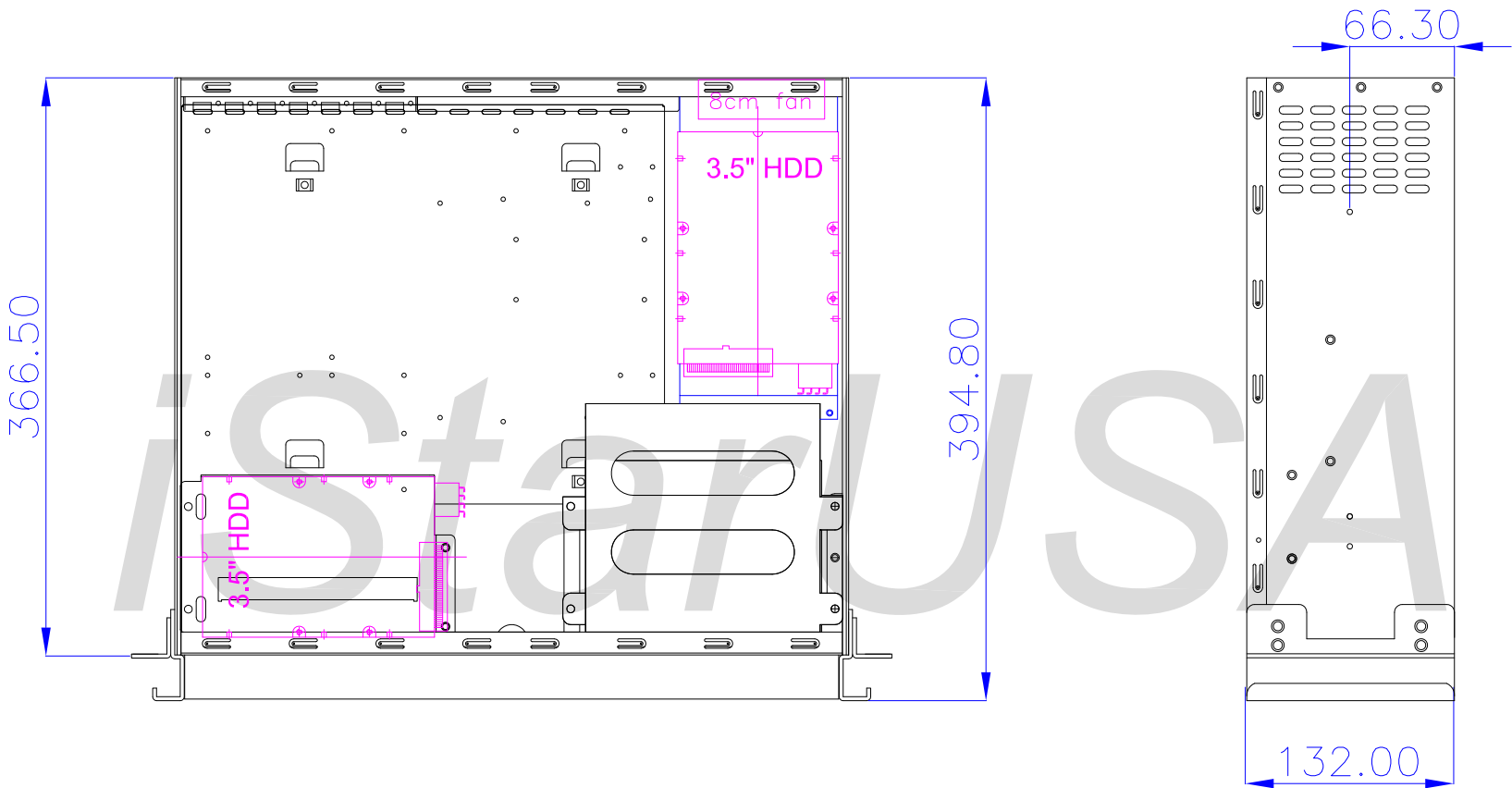
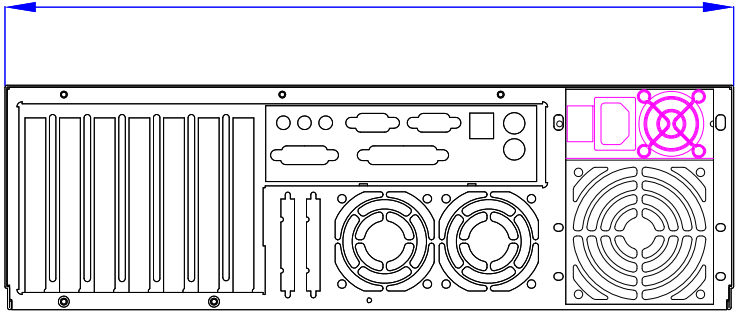
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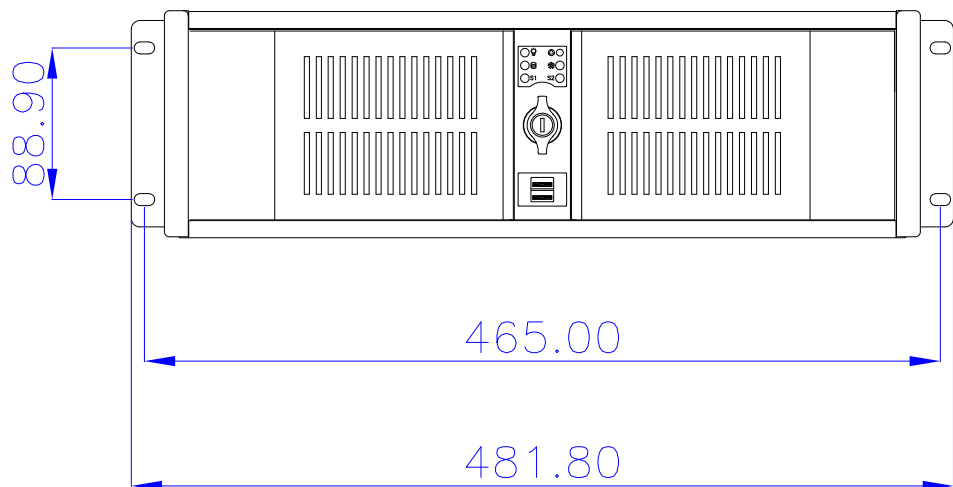
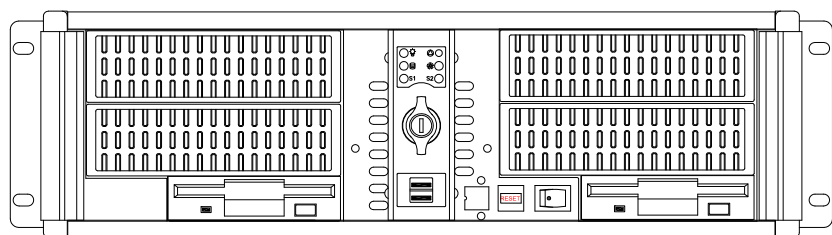
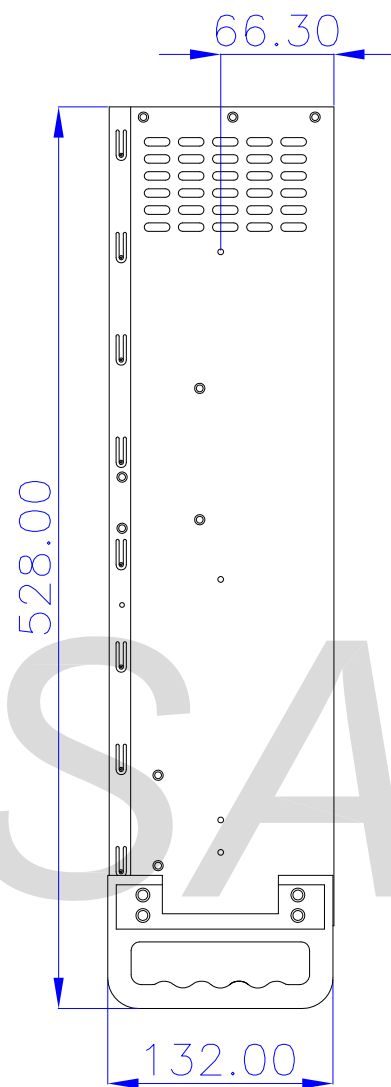
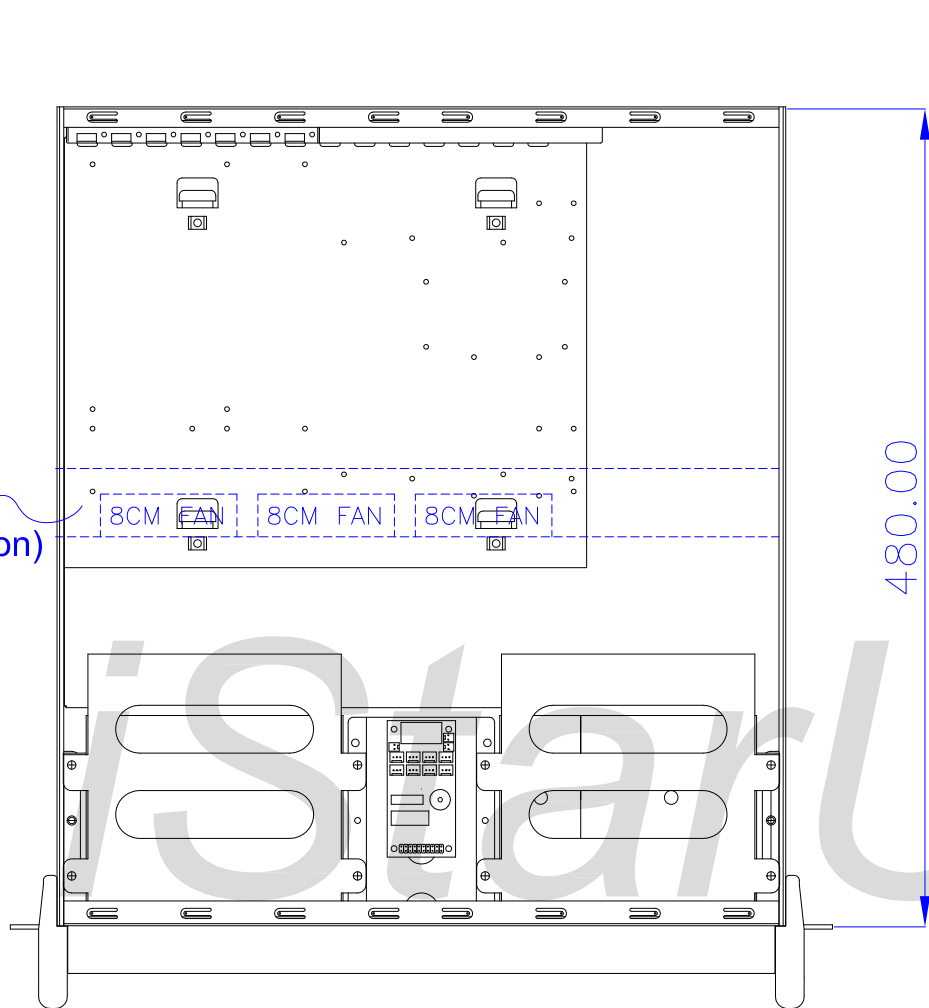
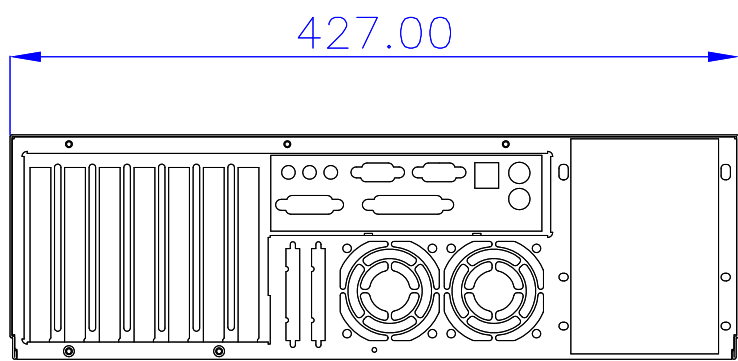
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|-----------|--------------------|-----------|------------|-------|-----|
| Model NO. | D-300S5            | iStarUSA™ |            |       |     |
| EXT       | 5.25" *1 + 3.5" *2 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *3            | PROJ      |            |       |     |
| M/B       | 12" * 9.6"         | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |



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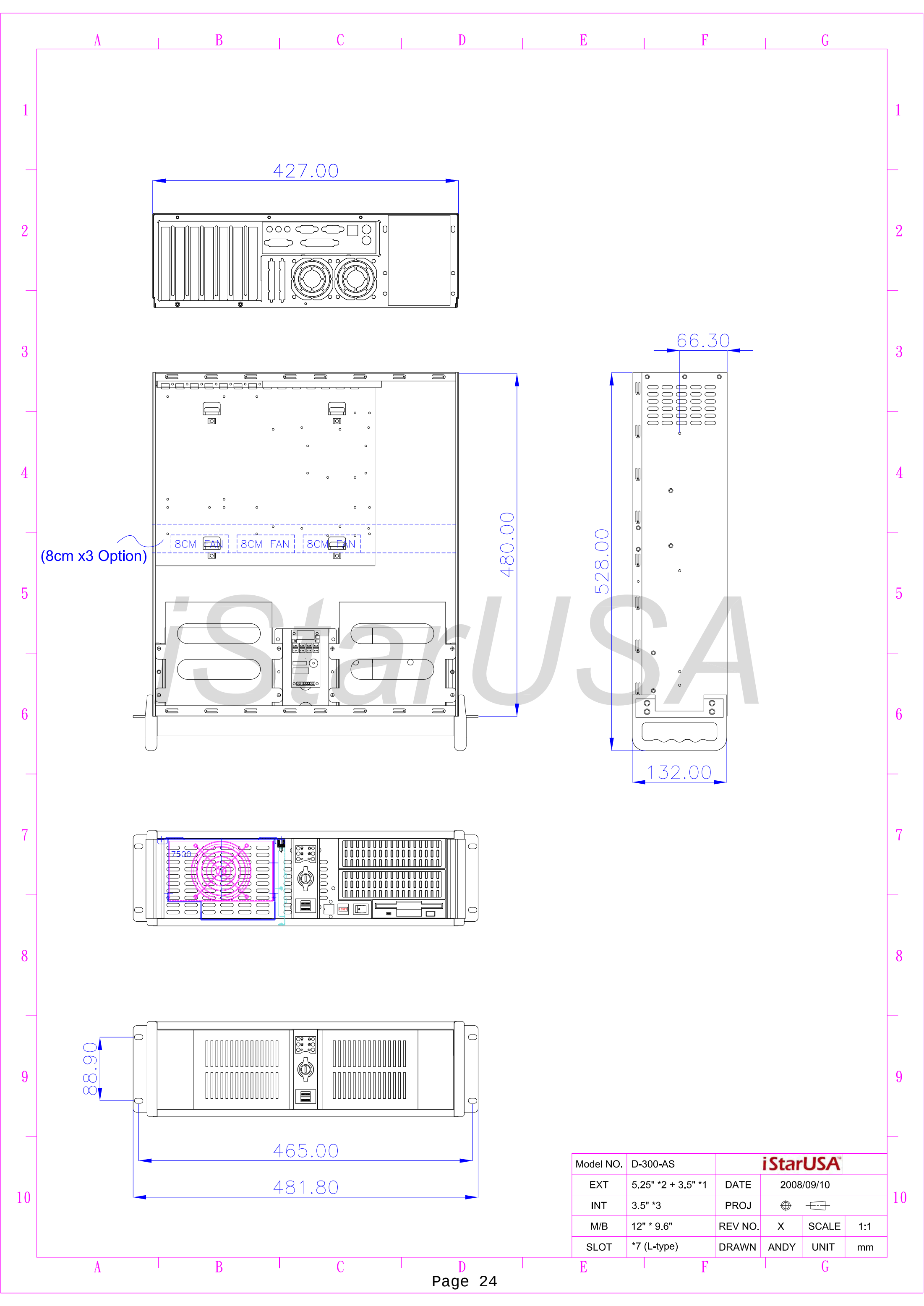
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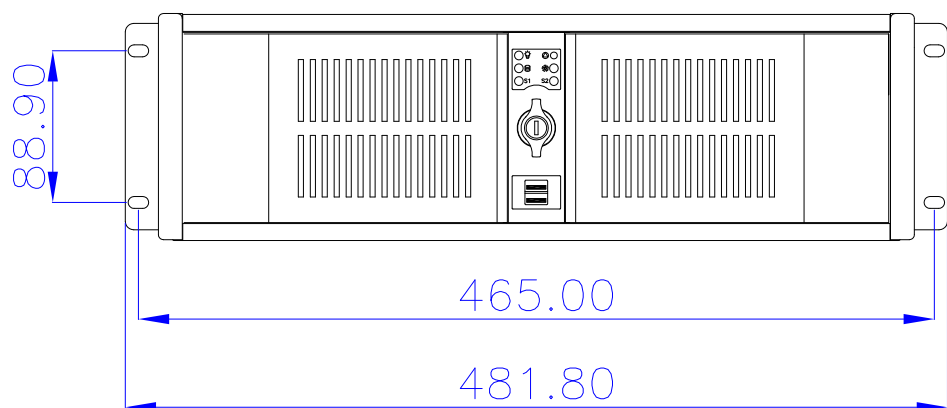
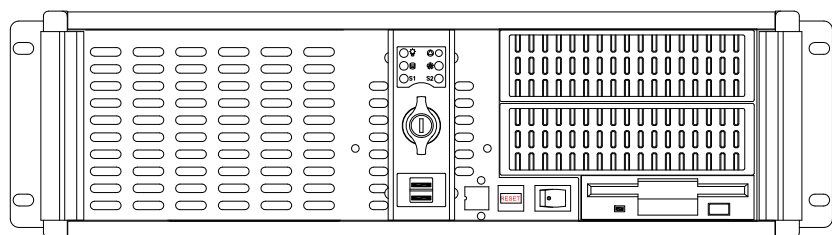
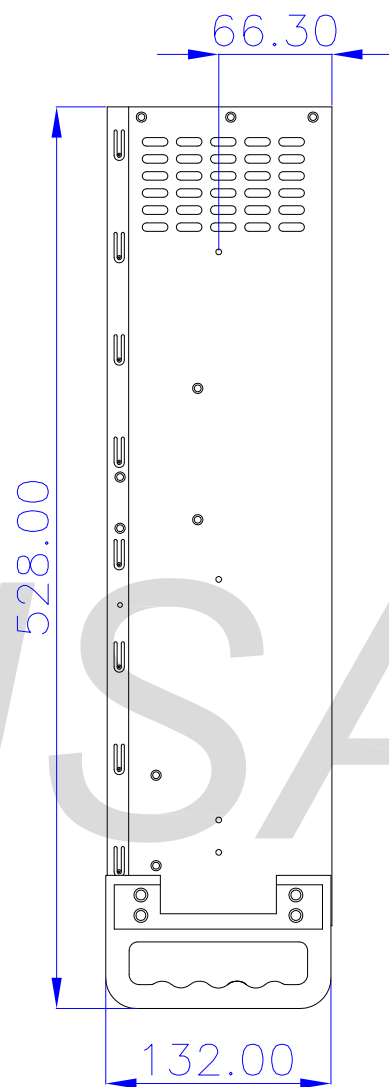
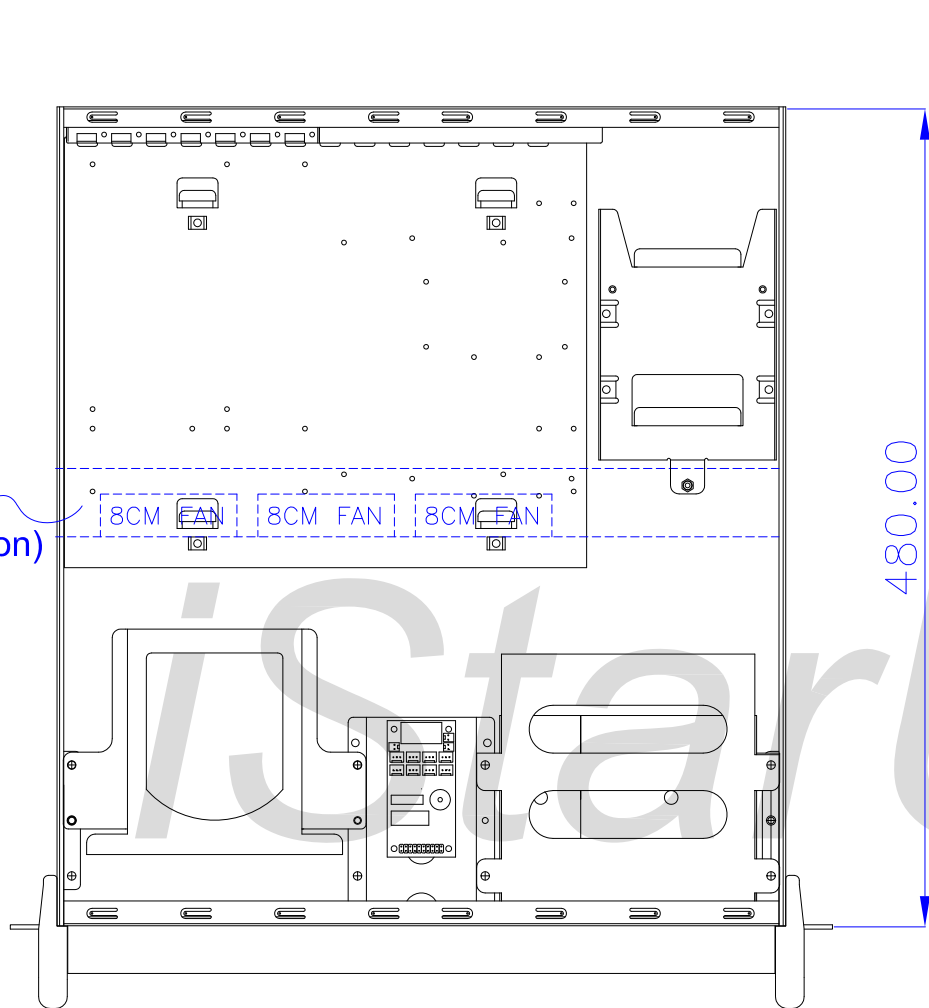
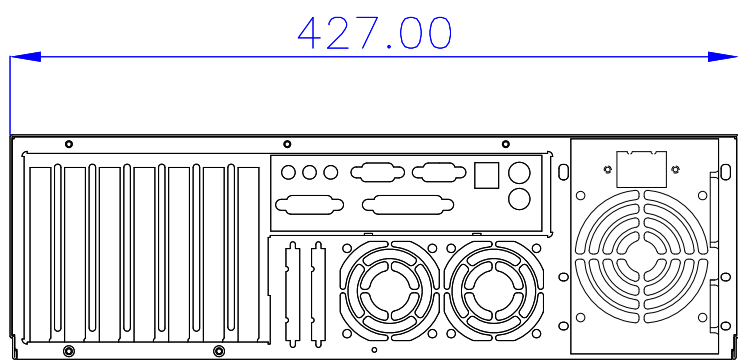
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|-----------|--------------------|-----------|------------|-------|-----|
| Model NO. | D-300A             | iStarUSA™ |            |       |     |
| EXT       | 5.25" *4 + 3.5" *2 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *1            | PROJ      | ⊕ ⊞        |       |     |
| M/B       | 12" * 9.6"         | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |



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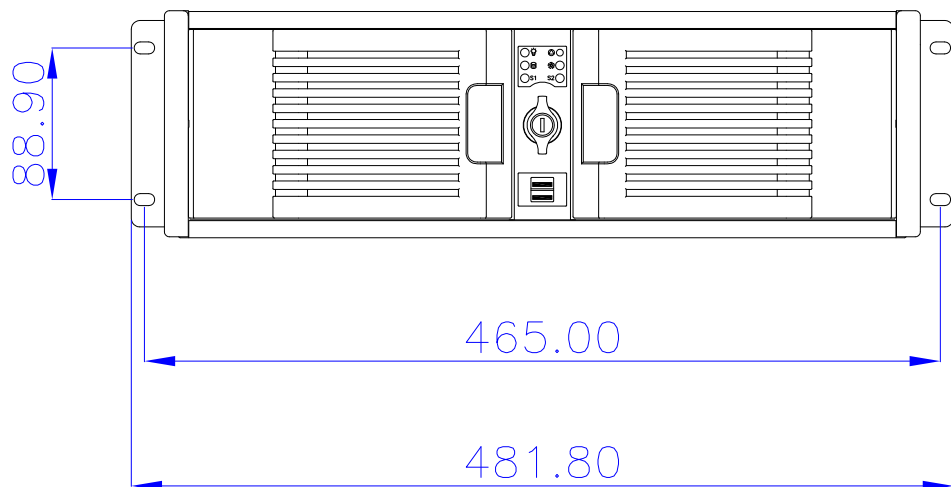
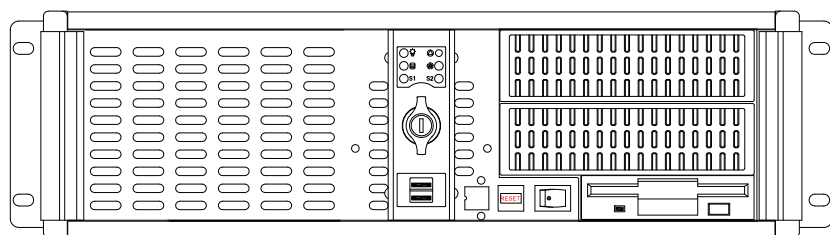
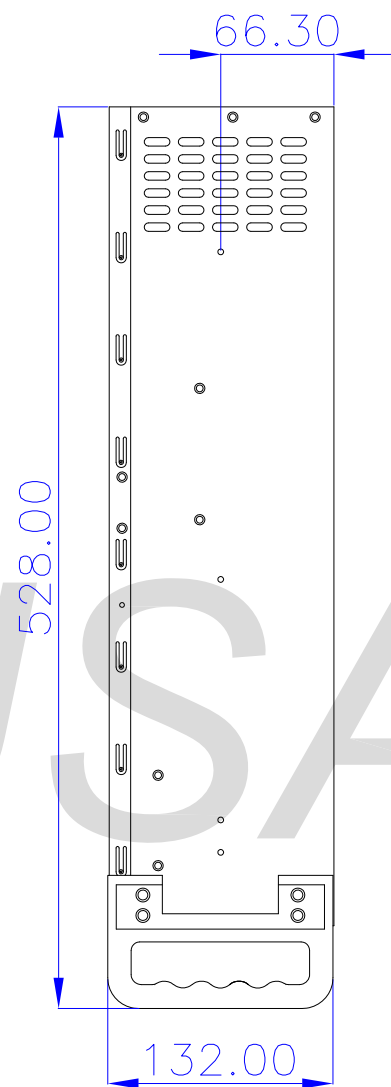
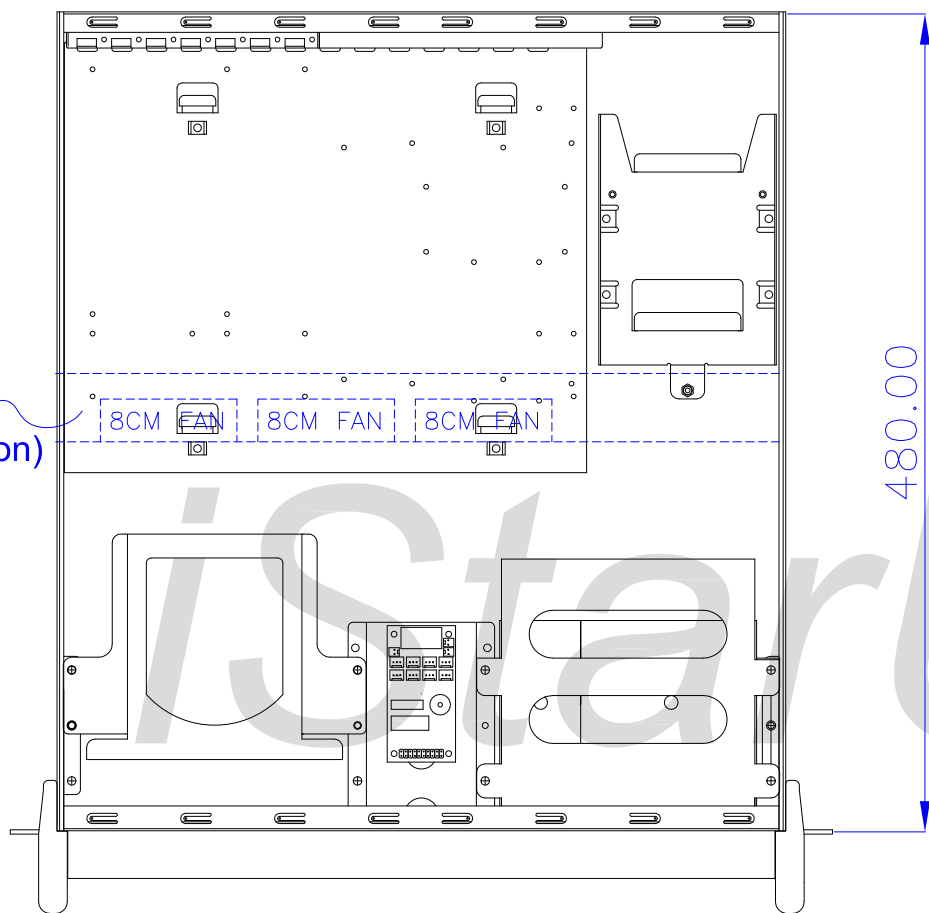
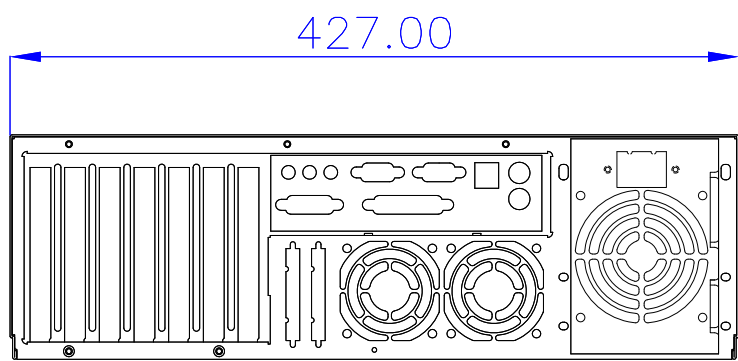


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|-----------|--------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| Model NO. | D-300-FS           | iStarUSA™ |                                                                                                                                                                             |       |     |
| EXT       | 5.25" *2 + 3.5" *1 | DATE      | 2008/09/10                                                                                                                                                                  |       |     |
| INT       | 3.5" *5            | PROJ      |   |       |     |
| M/B       | 12" * 9.6"         | REV NO.   | X                                                                                                                                                                           | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY                                                                                                                                                                        | UNIT  | mm  |

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| Model NO. | D-300-PFS          | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *1 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *5            | PROJ      | ⌀    ≡     |       |     |
| M/B       | 12" * 9.6"         | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |

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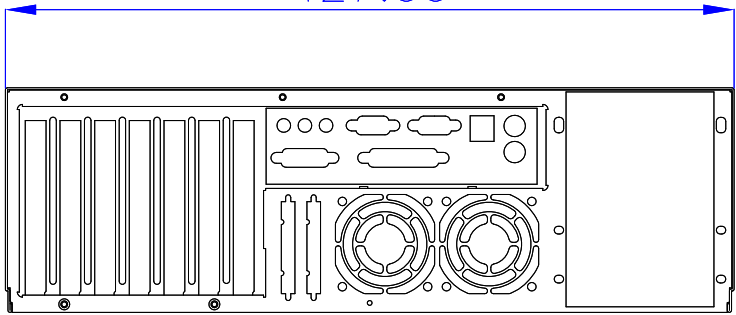
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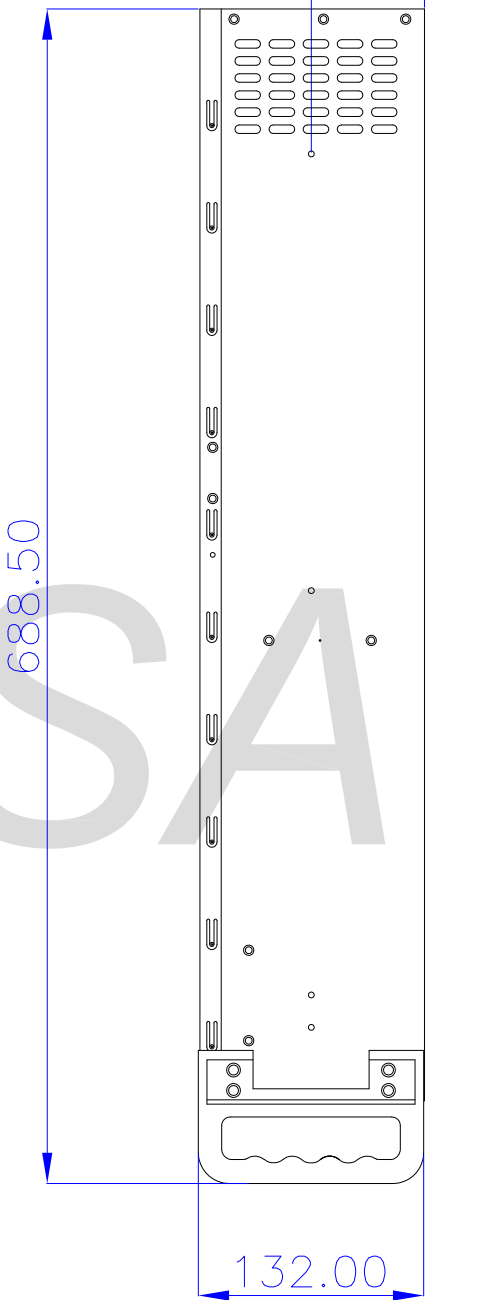
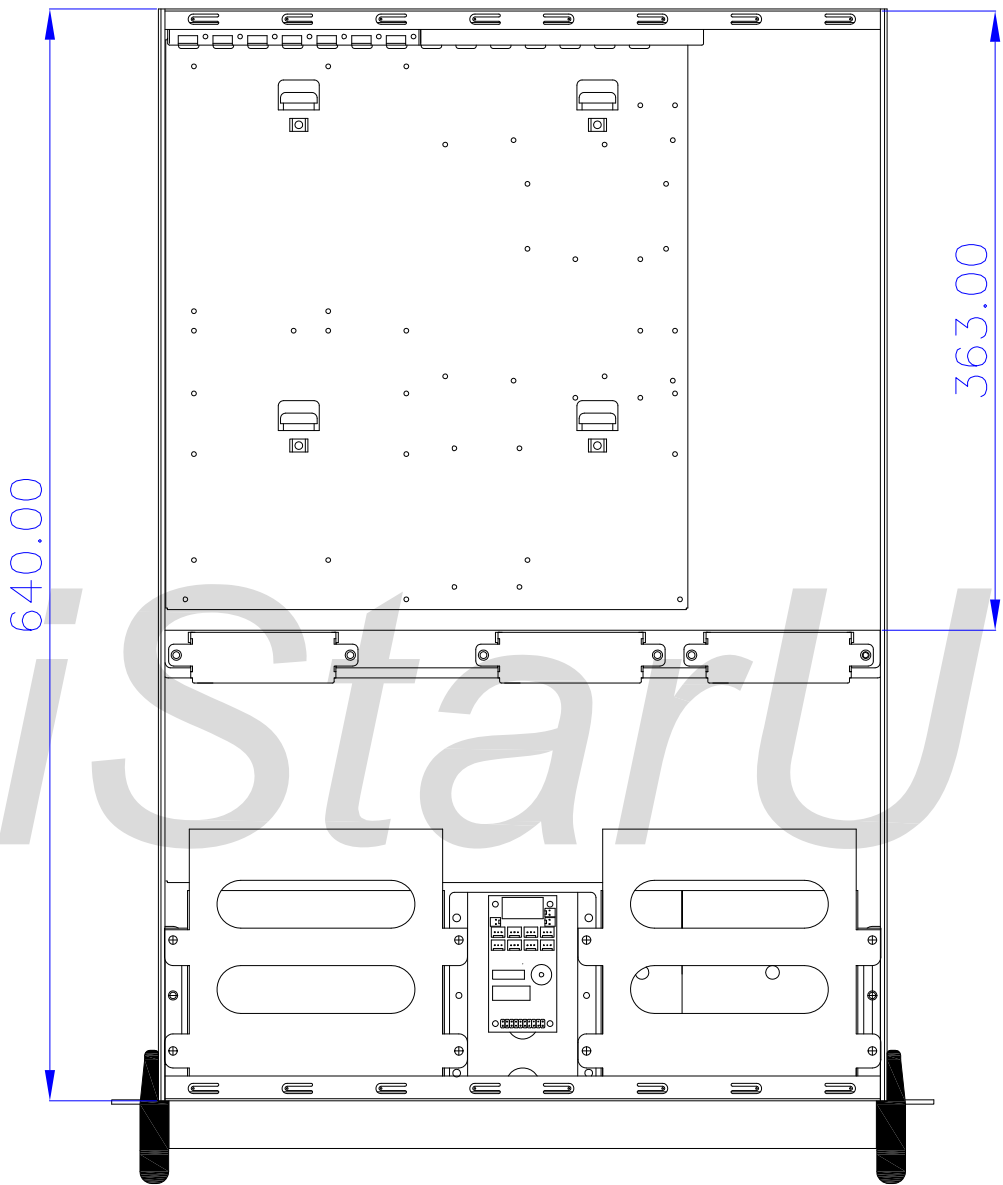
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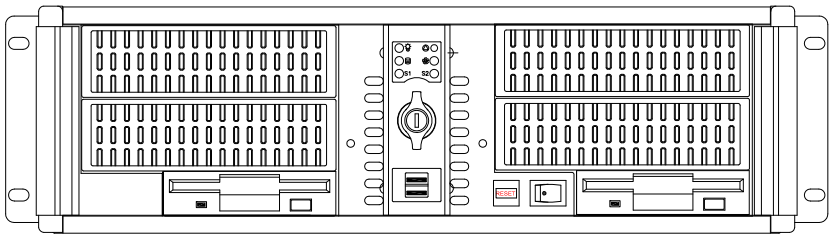
427.00



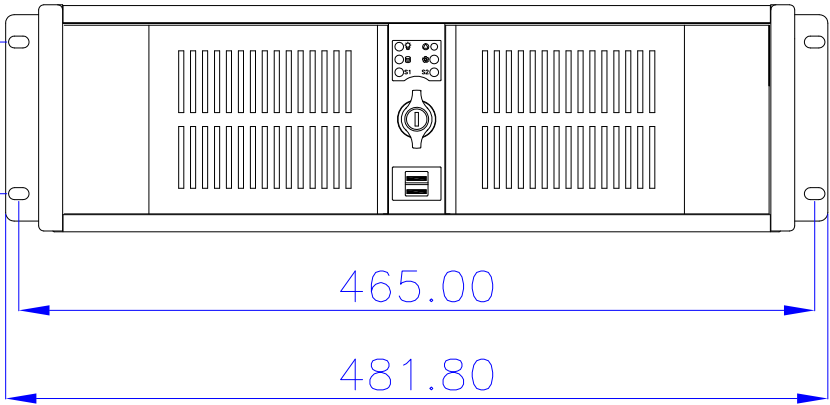
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|-----------|--------------------|-----------|------------|-------|-----|
| Model NO. | D-300L             | iStarUSA™ |            |       |     |
| EXT       | 5.25" *4 + 3.5" *2 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *1            | PROJ      |            |       |     |
| M/B       | 12" * 13"          | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |

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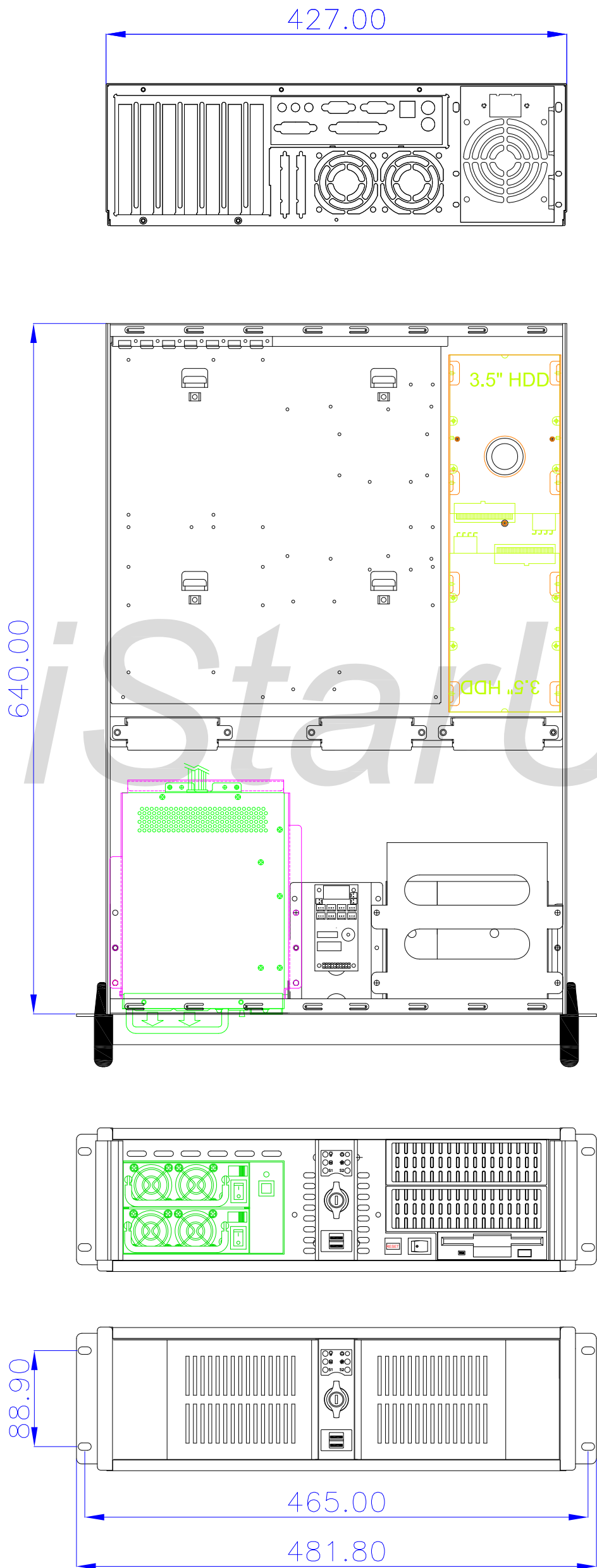
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| Model NO. | D-300L-FR          | iStarUSA™ |            |       |     |
| EXT       | 5.25" *4 + 3.5" *2 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *1            | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 13"          | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |



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|-----------|--------------------|-----------|------------|-------|-----|
| Model NO. | D-300L-FS          | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *1 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *5            | PROJ      | ⌀    ▬     |       |     |
| M/B       | 12" * 13"          | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |

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iStarUSA™

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|-----------|--------------------|---------|------------|-------|-----|--|
| Model NO. | D2-300             |         | iStarUSA™  |       |     |  |
| EXT       | 5.25" *4 + 3.5" *2 | DATE    | 2008/09/10 |       |     |  |
| INT       | 3.5" *1            | PROJ    | ⊕ ⊖        |       |     |  |
| M/B       | 12" * 9.6"         | REV NO. | X          | SCALE | 1:1 |  |
| SLOT      | *7 (L-type)        | DRAWN   | ANDY       | UNIT  | mm  |  |

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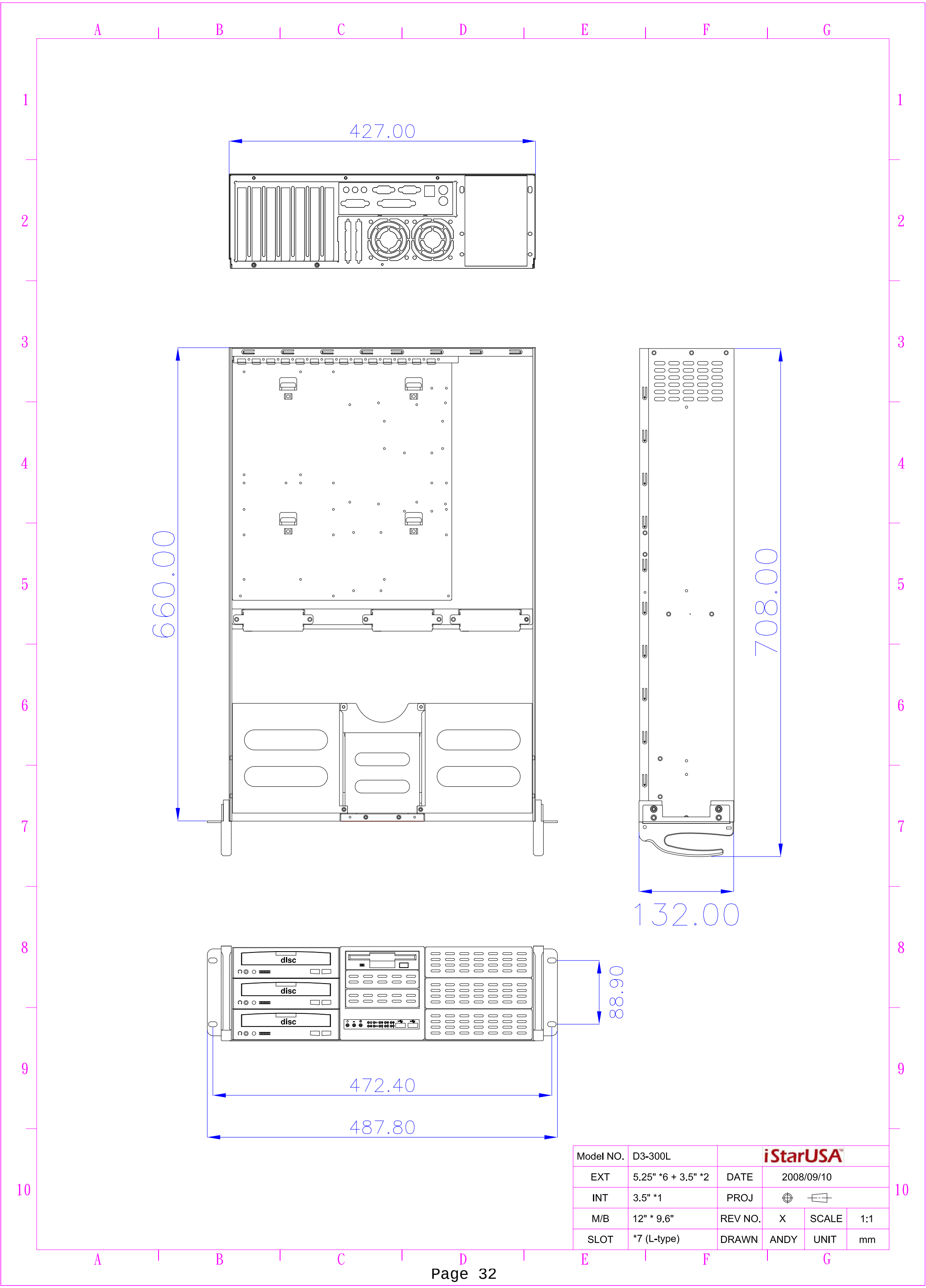
132.00

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| Model NO. | D2-300L-M6SA              | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2<br>+ Hot-Swap *6 | DATE      | 2008/09/10 |       |     |
| INT       |                           | PROJ      | ⊕          | ⊖     |     |
| M/B       | 12" * 13"                 | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)               | DRAWN     | ANDY       | UNIT  | mm  |



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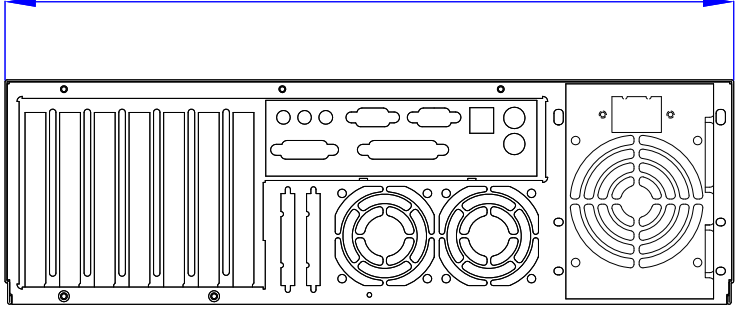
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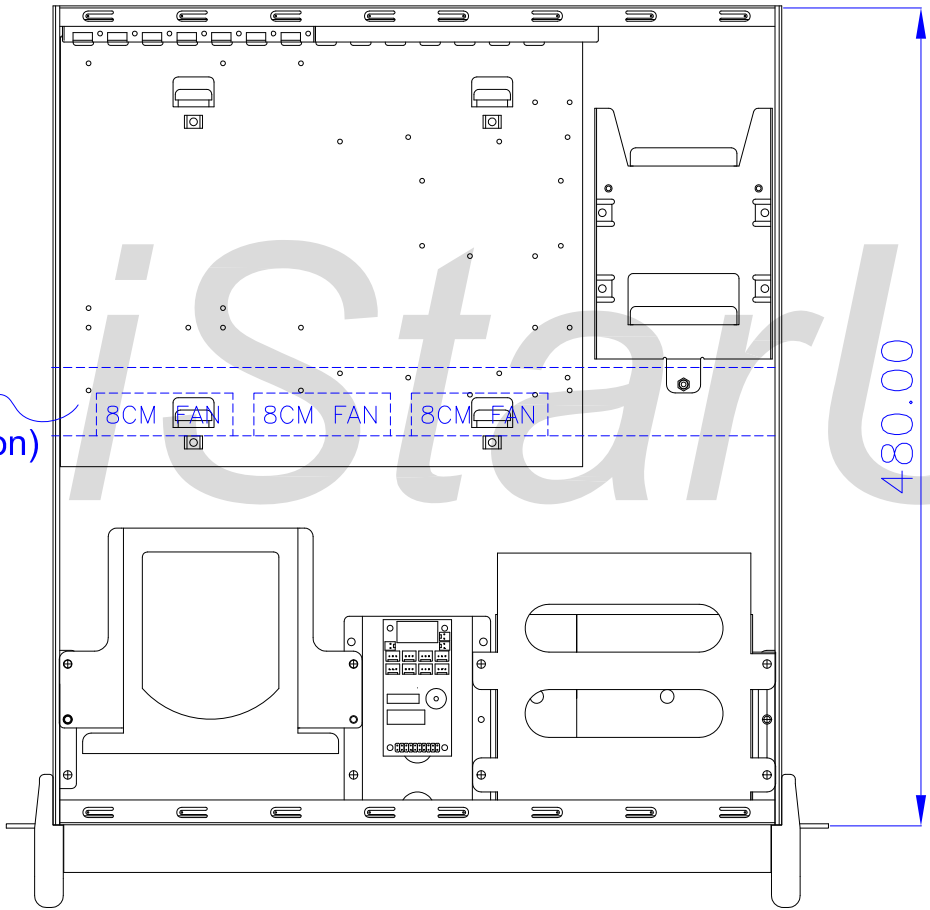
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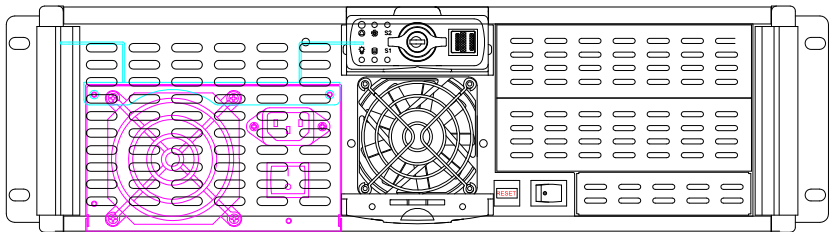
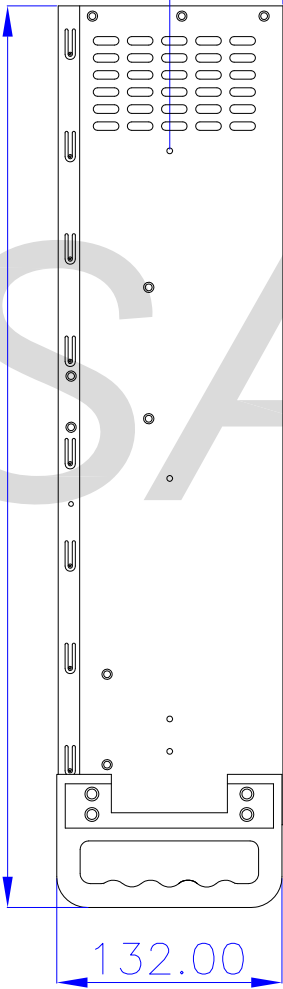
(8cm x3 Option)



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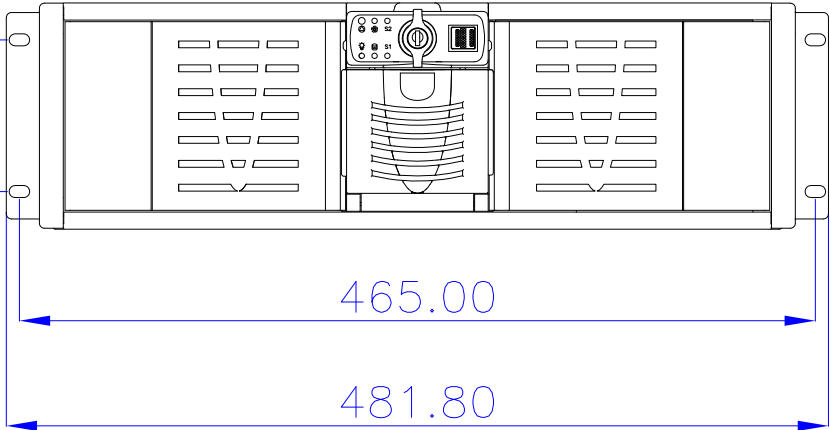
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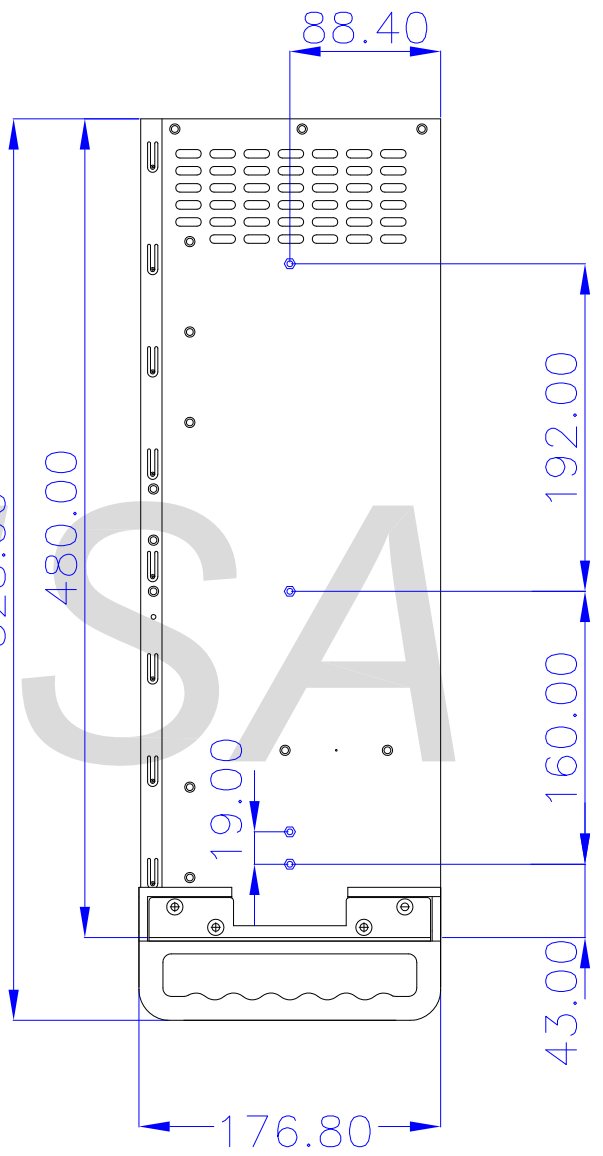
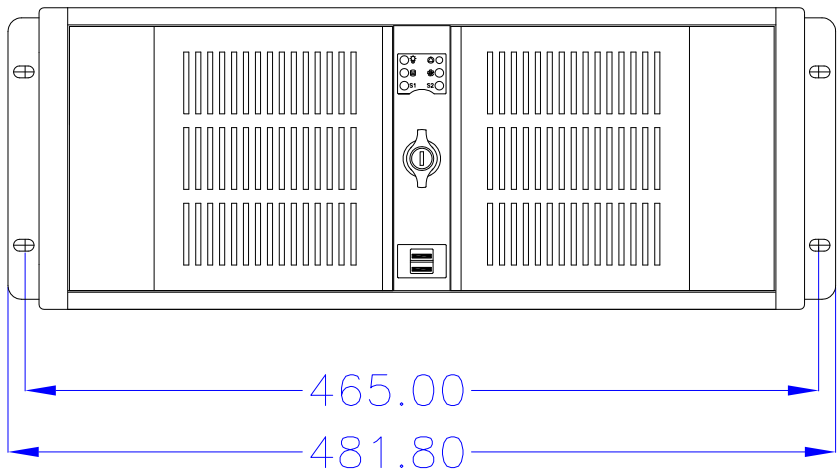
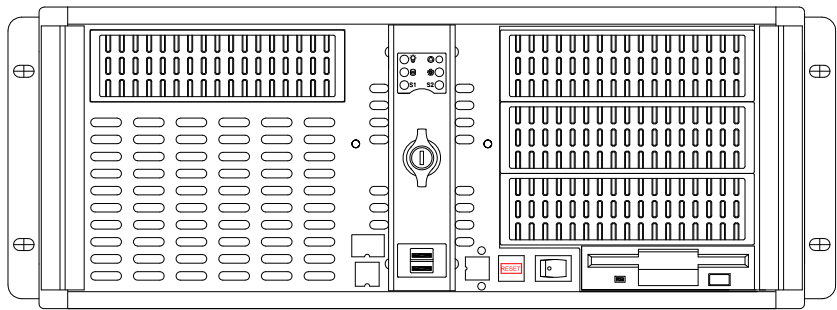
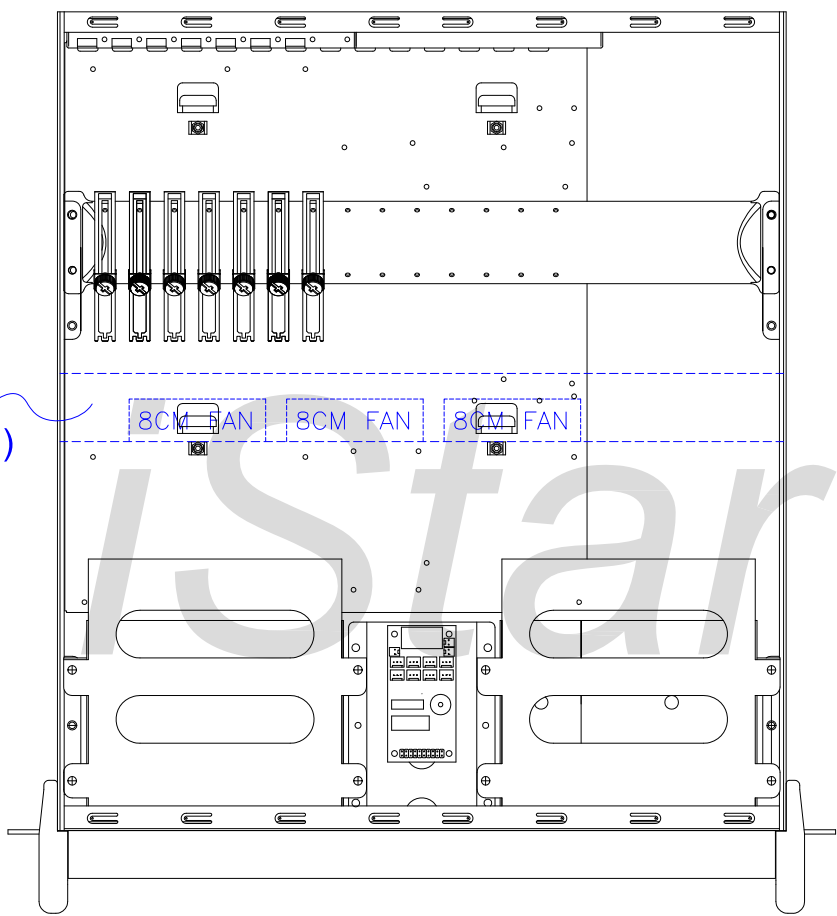
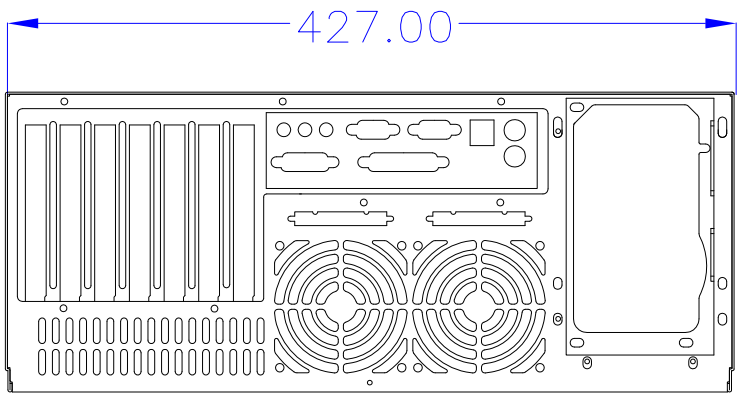
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|-----------|--------------------|-----------|------------|-------|-----|
| Model NO. | D4-300-FS          | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2 + 3.5" *1 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *5            | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 9.6"         | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |



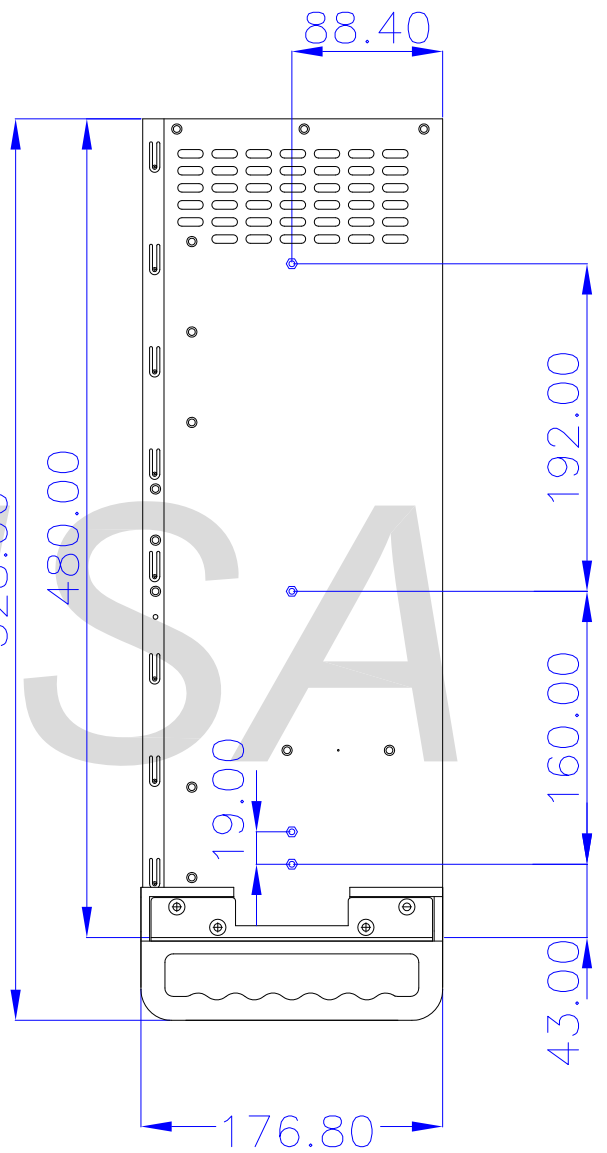
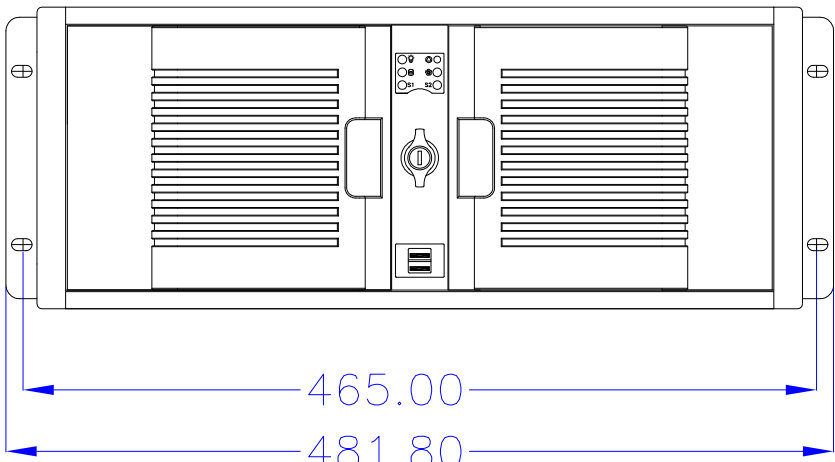
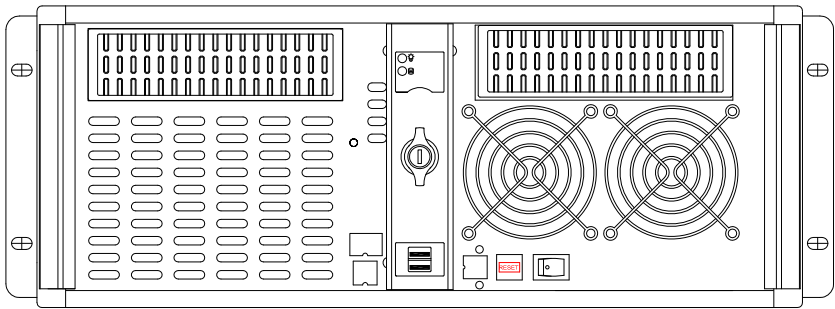
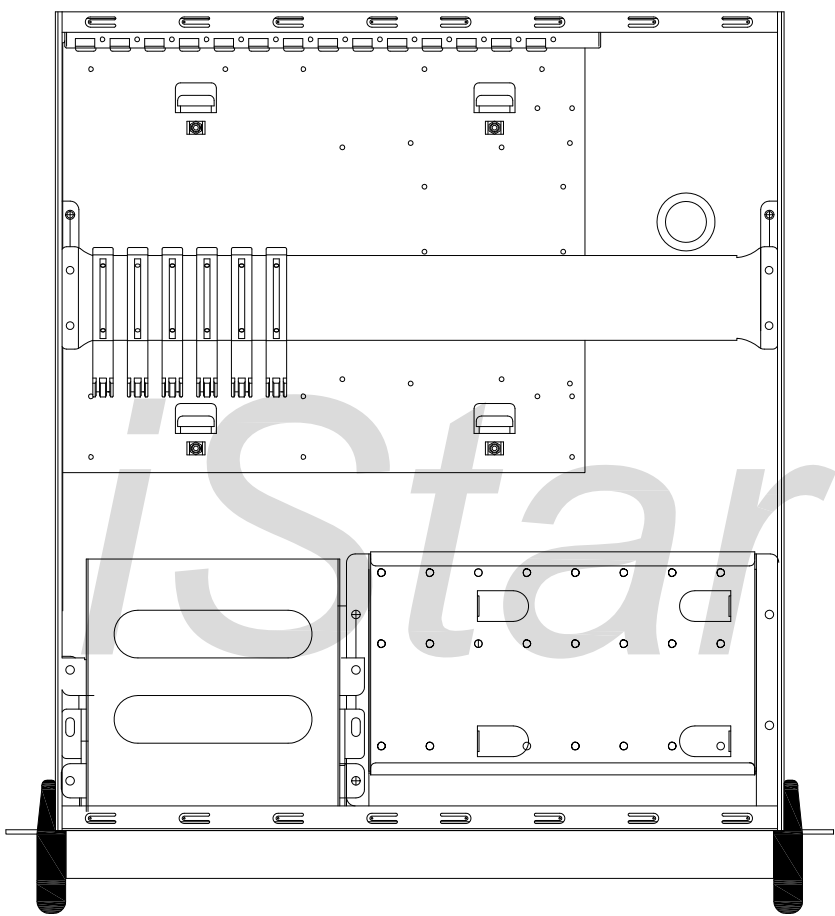
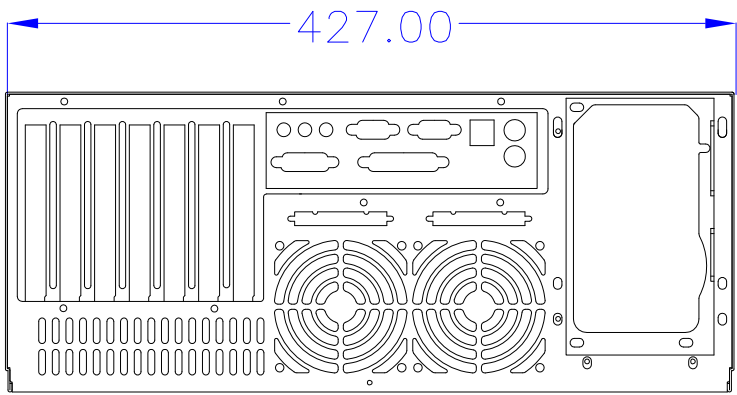
# 4U Chassis

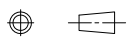


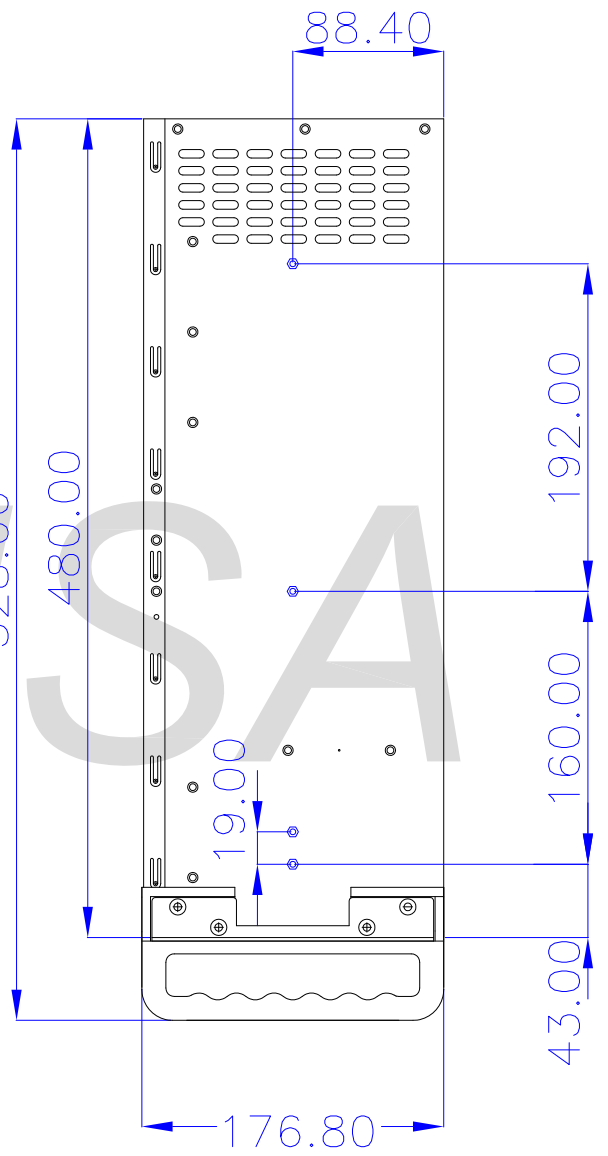
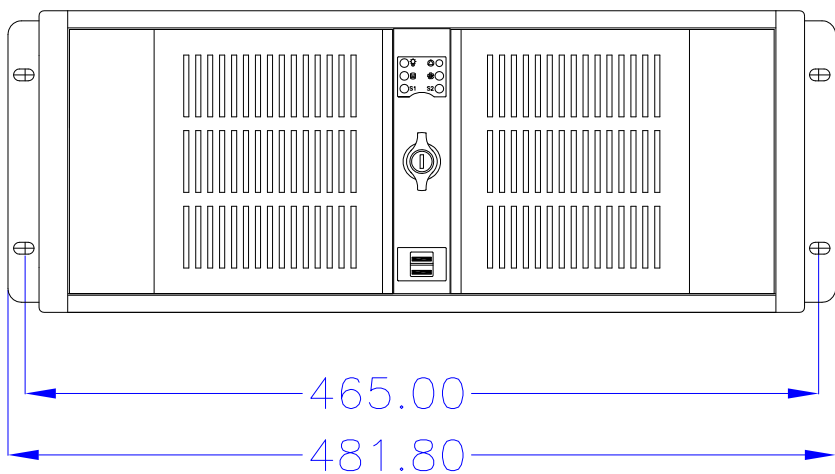
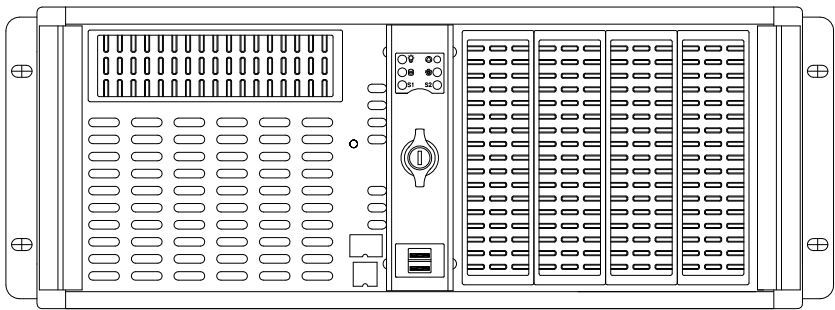
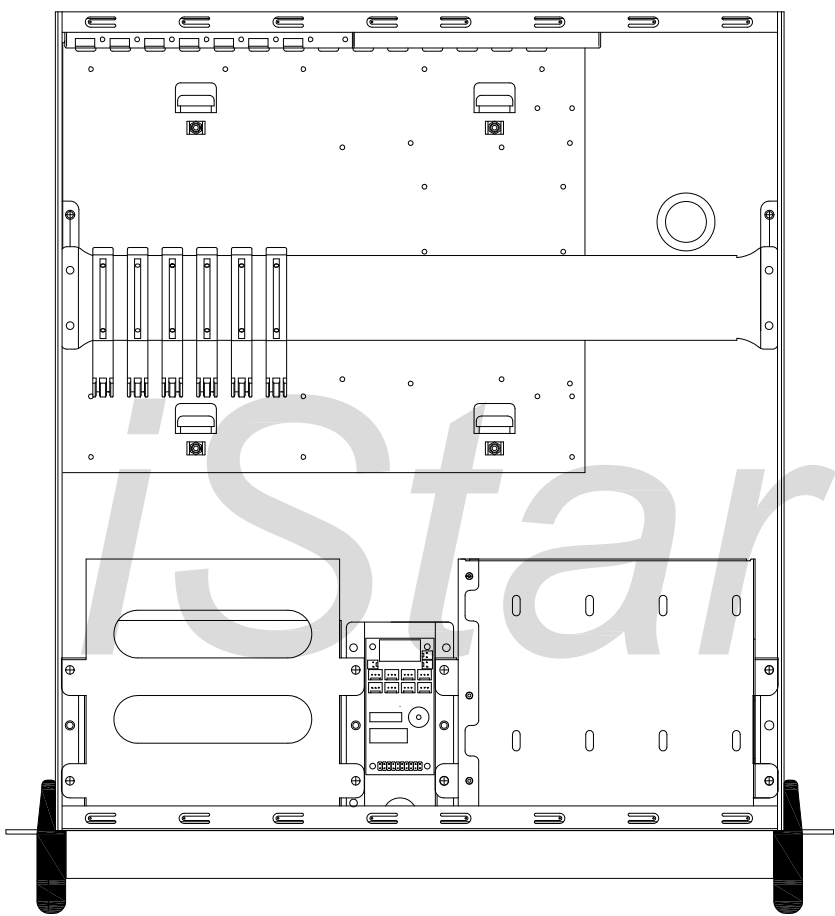
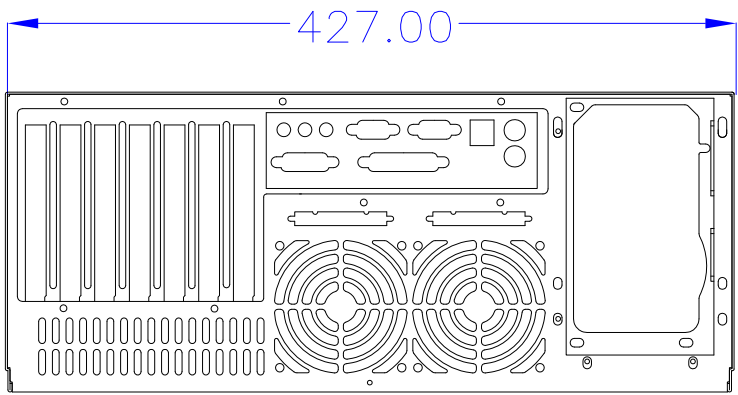


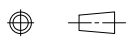


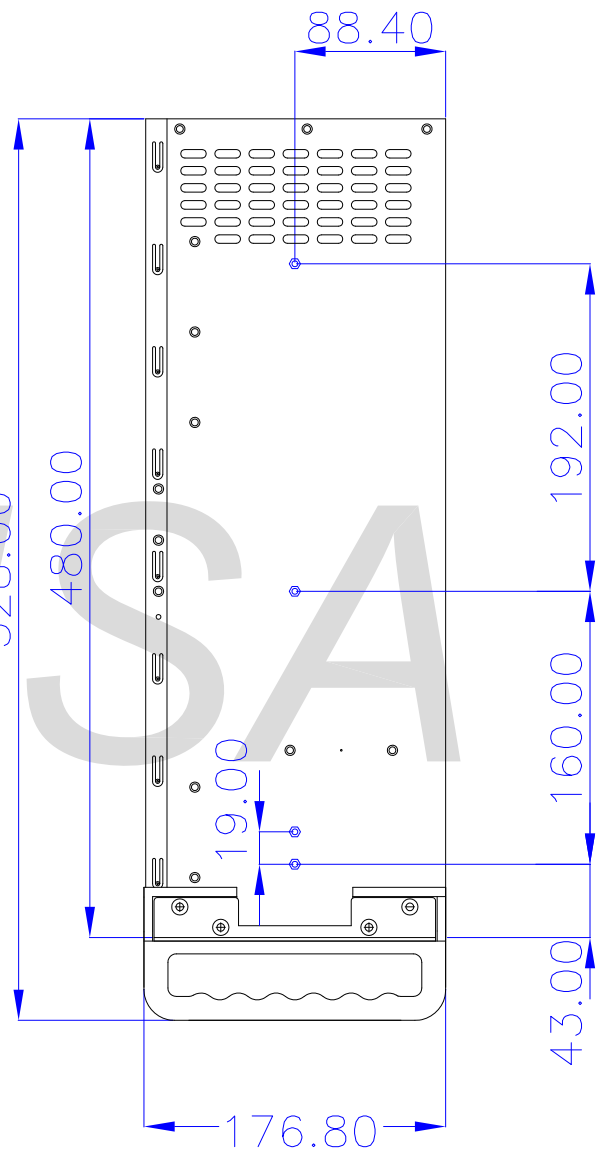
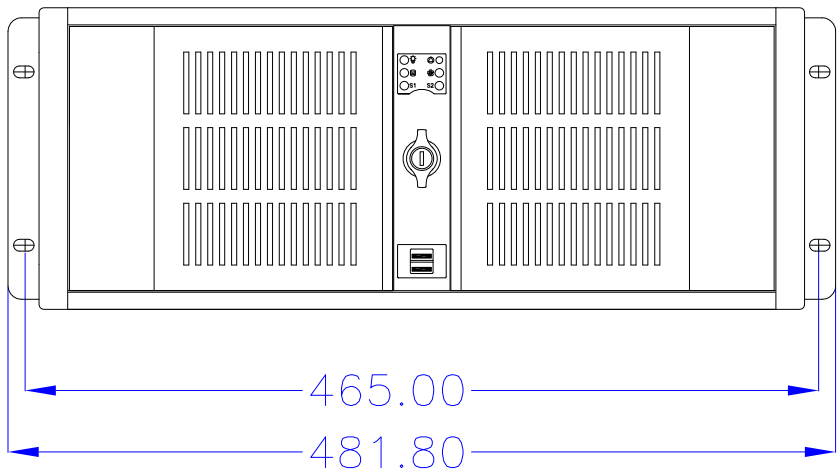
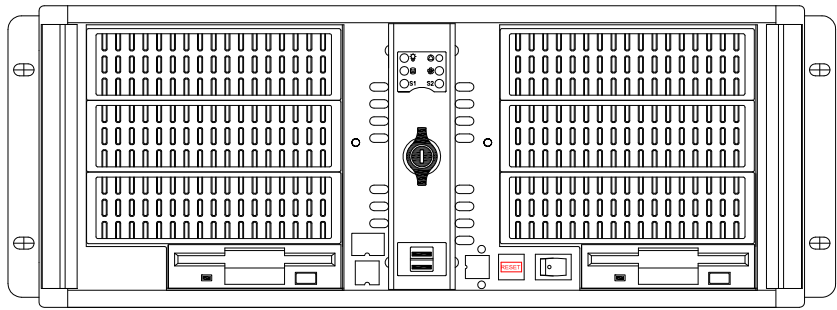
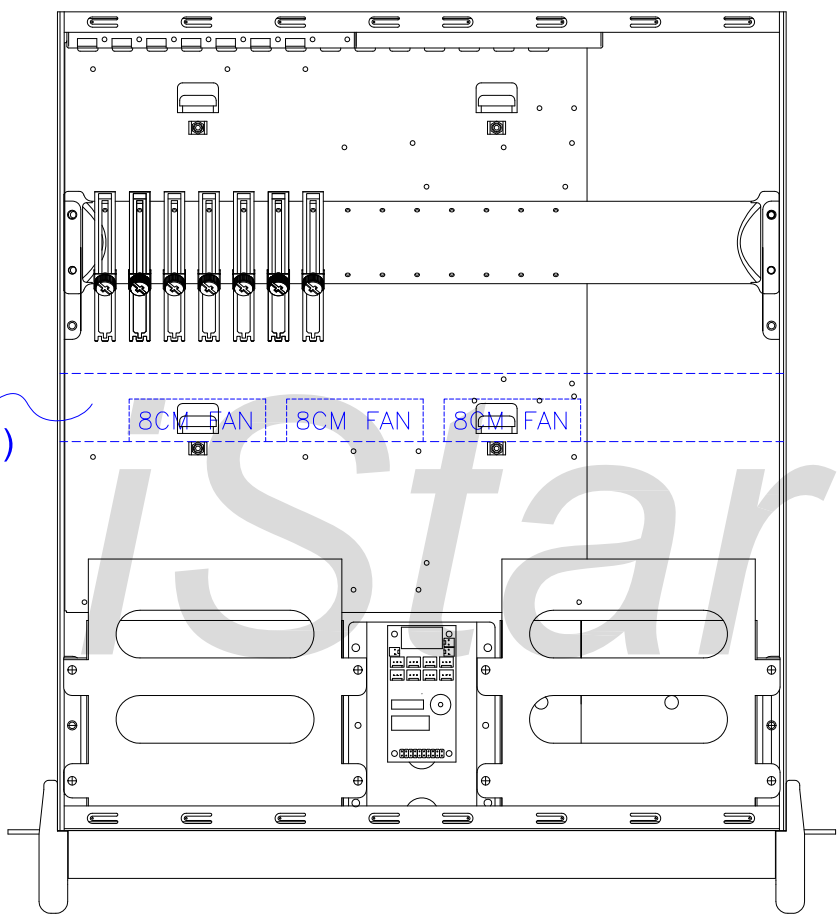
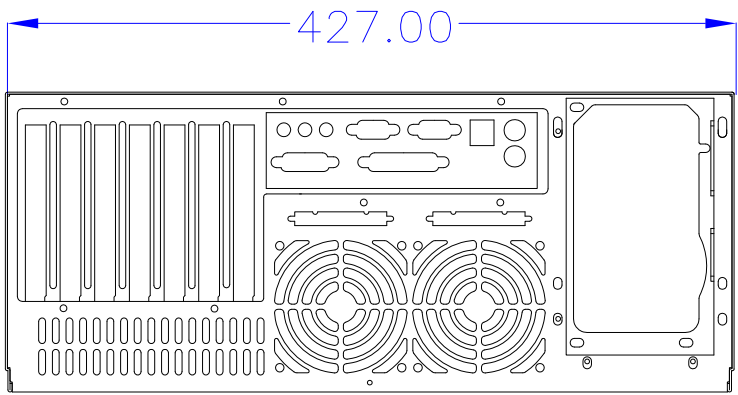
|           |                    |                  |                                                                                                                                                                             |       |     |
|-----------|--------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| Model NO. | D-400              | <b>iStarUSA™</b> |                                                                                                                                                                             |       |     |
| EXT       | 5.25" *4 + 3.5" *1 | DATE             | 2008/09/10                                                                                                                                                                  |       |     |
| INT       | 3.5" *2            | PROJ             |   |       |     |
| M/B       | 12" * 13"          | REV NO.          | X                                                                                                                                                                           | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN            | ANDY                                                                                                                                                                        | UNIT  | mm  |



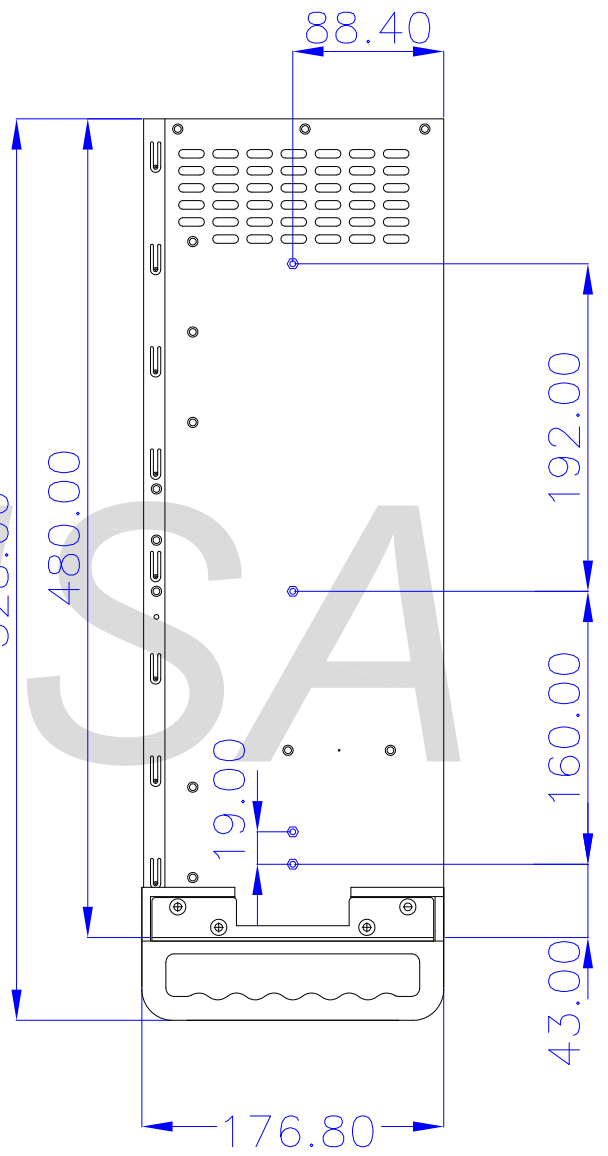
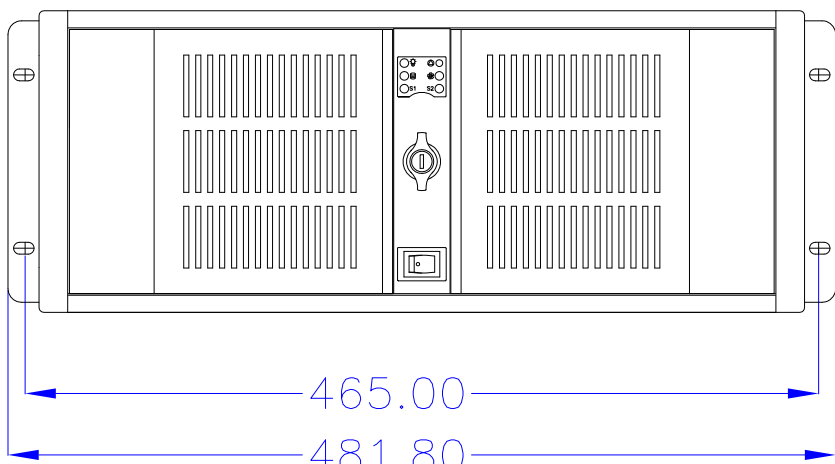
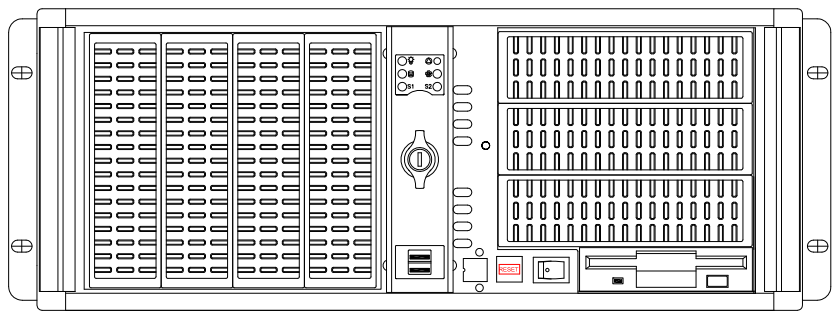
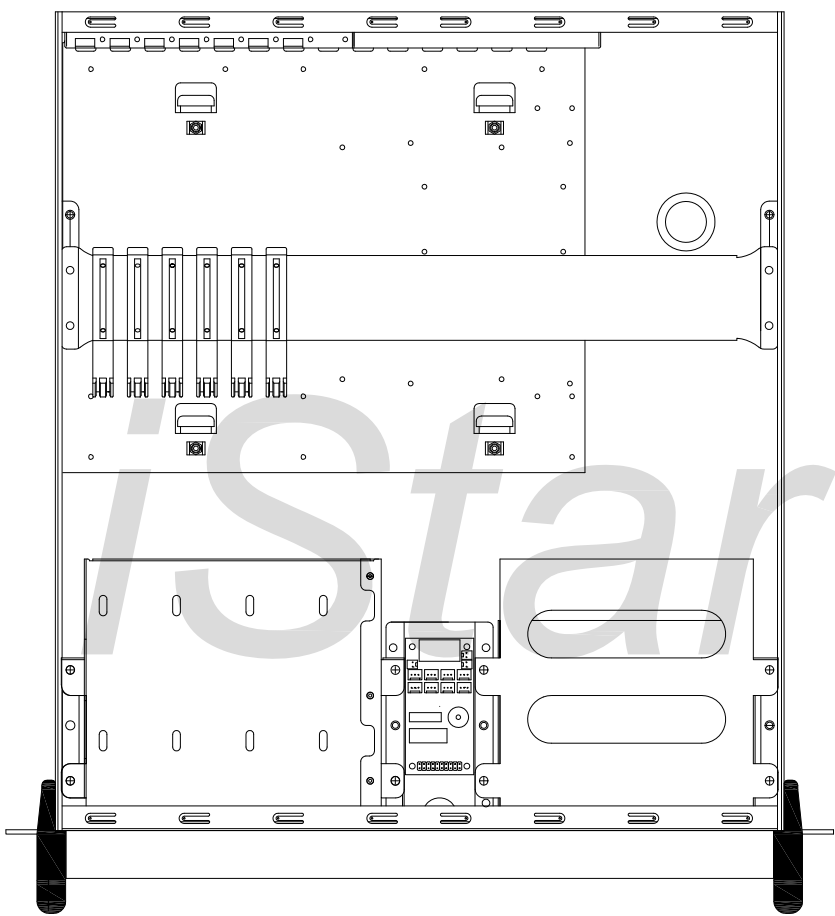
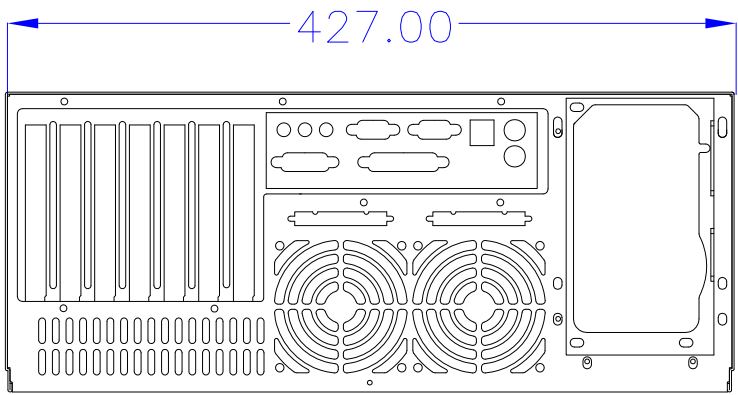
|           |             |                  |                                                                                       |       |     |
|-----------|-------------|------------------|---------------------------------------------------------------------------------------|-------|-----|
| Model NO. | D-400-2P    | <b>iStarUSA™</b> |                                                                                       |       |     |
| EXT       | 5.25" *2    | DATE             | 2008/09/10                                                                            |       |     |
| INT       | 3.5" *8     | PROJ             |  |       |     |
| M/B       | 12" * 9.6"  | REV NO.          | X                                                                                     | SCALE | 1:1 |
| SLOT      | *7 (L-type) | DRAWN            | ANDY                                                                                  | UNIT  | mm  |



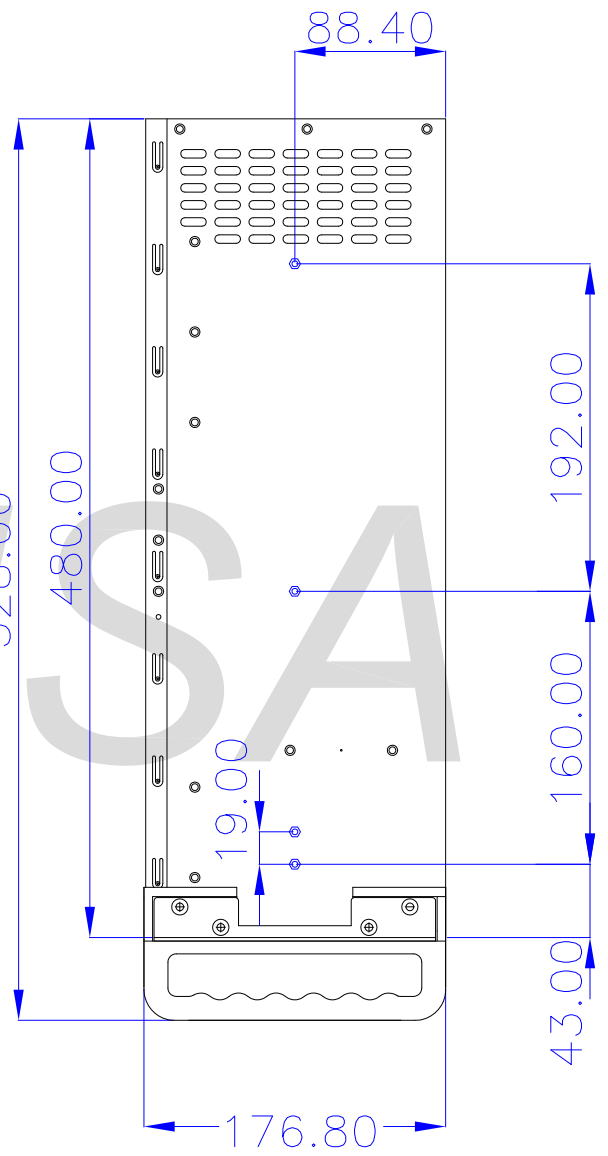
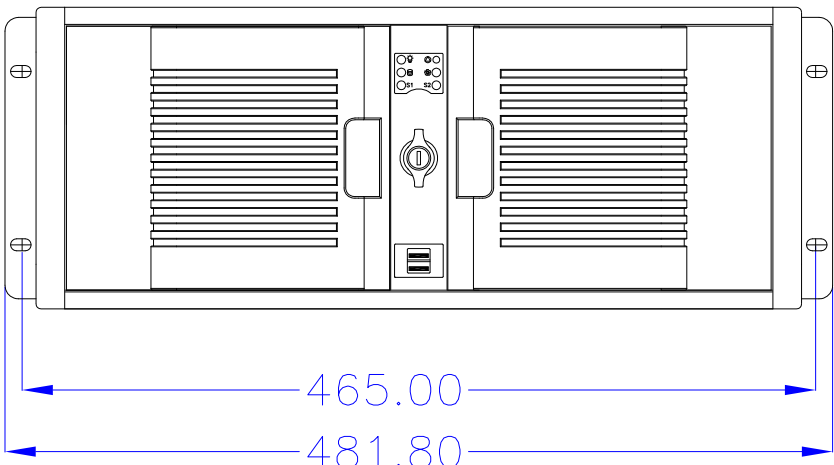
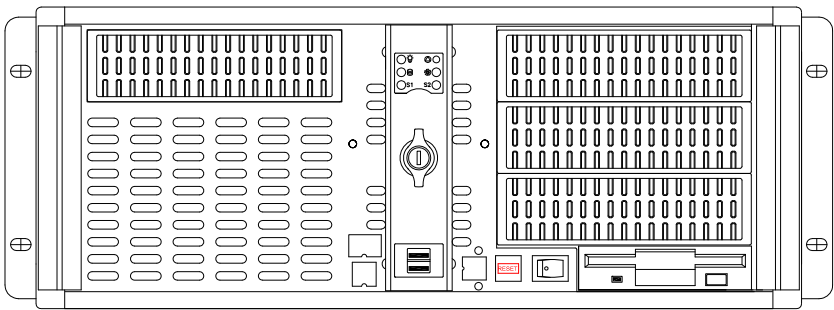
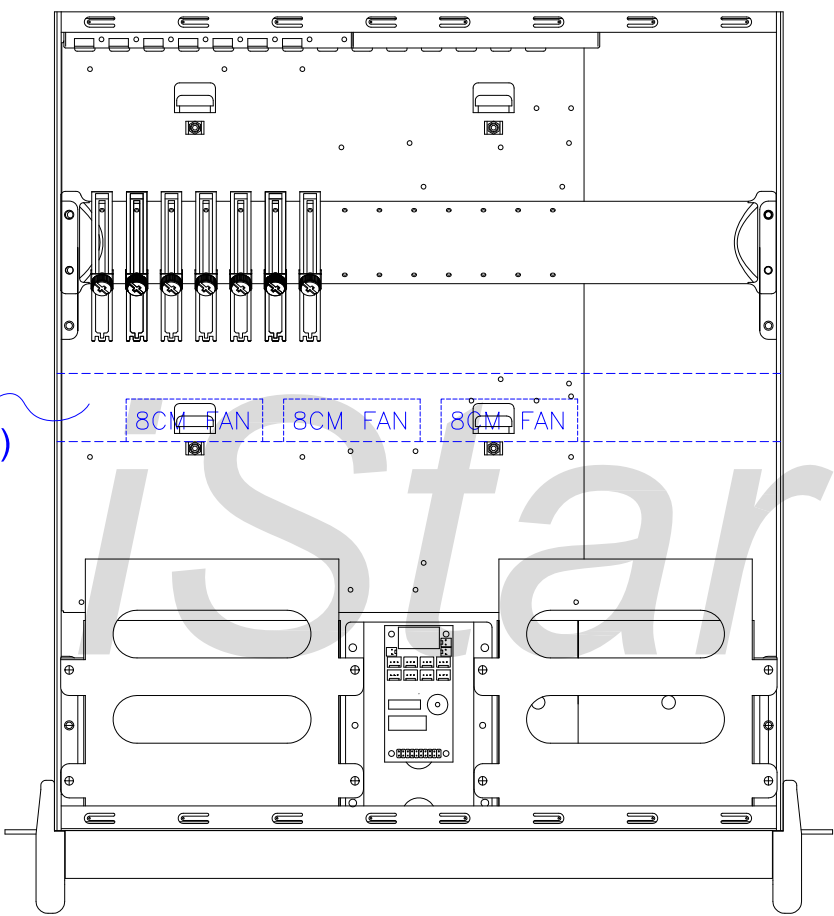
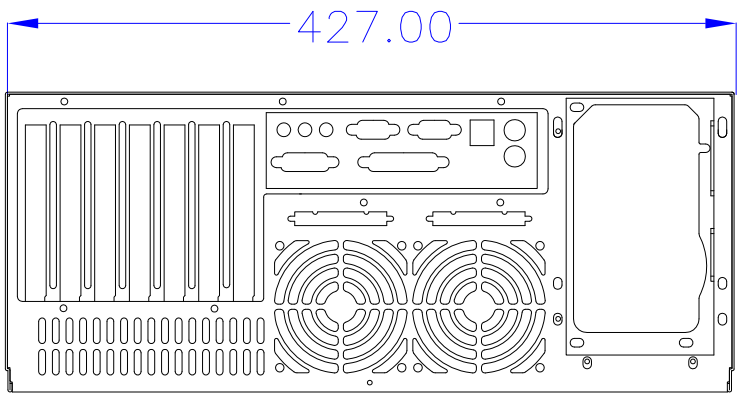
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|-----------|-------------|-----------|---------------------------------------------------------------------------------------|-------|-----|
| Model NO. | D-400-5     | iStarUSA™ |                                                                                       |       |     |
| EXT       | 5.25" *5    | DATE      | 2008/09/10                                                                            |       |     |
| INT       | 3.5" *1     | PROJ      |  |       |     |
| M/B       | 12" * 9.6"  | REV NO.   | X                                                                                     | SCALE | 1:1 |
| SLOT      | *7 (L-type) | DRAWN     | ANDY                                                                                  | UNIT  | mm  |



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| Model NO. | D-400-6            | iStarUSA™ |            |       |     |
| EXT       | 5.25" *6 + 3.5" *2 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *2            | PROJ      |            |       |     |
| M/B       | 12" * 13"          | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |

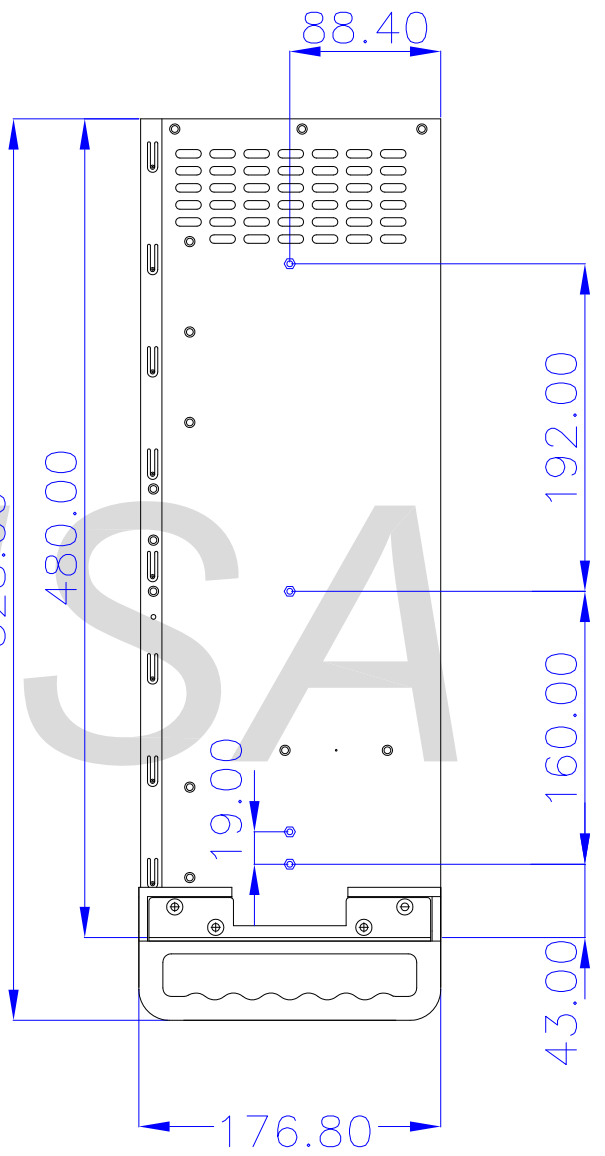
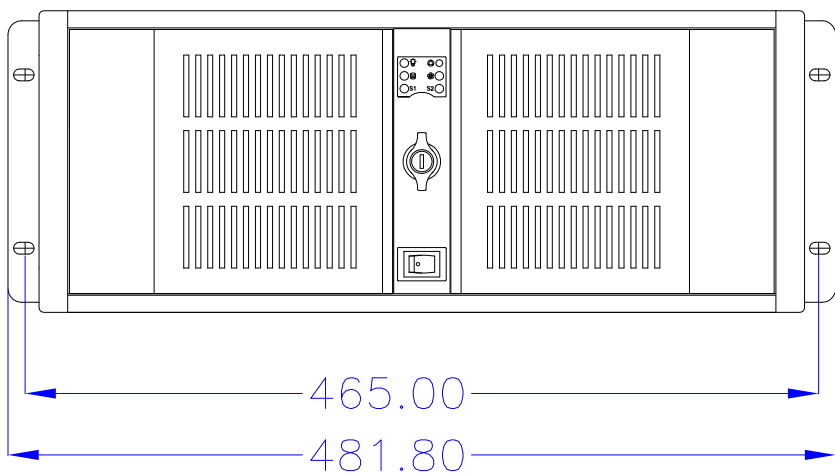
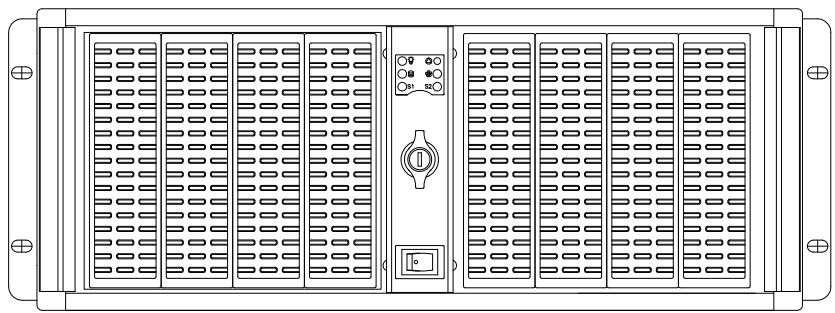
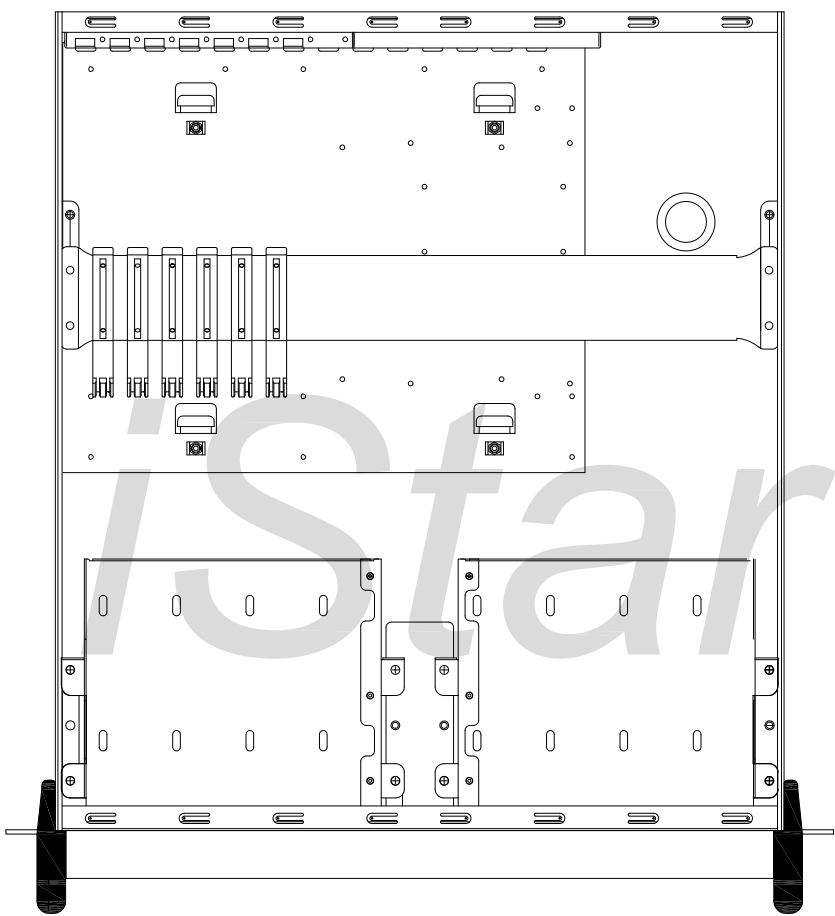
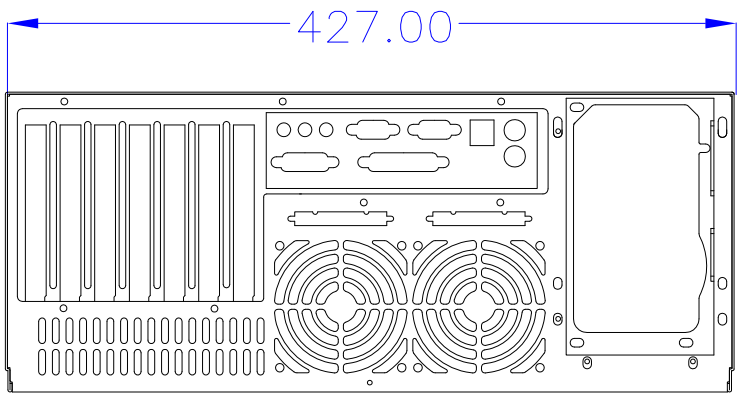


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| Model NO. | D-400-7            | iStarUSA™ |                                                                                                                                                                             |       |     |
| EXT       | 5.25" *7 + 3.5" *1 | DATE      | 2008/09/10                                                                                                                                                                  |       |     |
| INT       | 3.5" *1            | PROJ      |   |       |     |
| M/B       | 12" * 9.6"         | REV NO.   | X                                                                                                                                                                           | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY                                                                                                                                                                        | UNIT  | mm  |

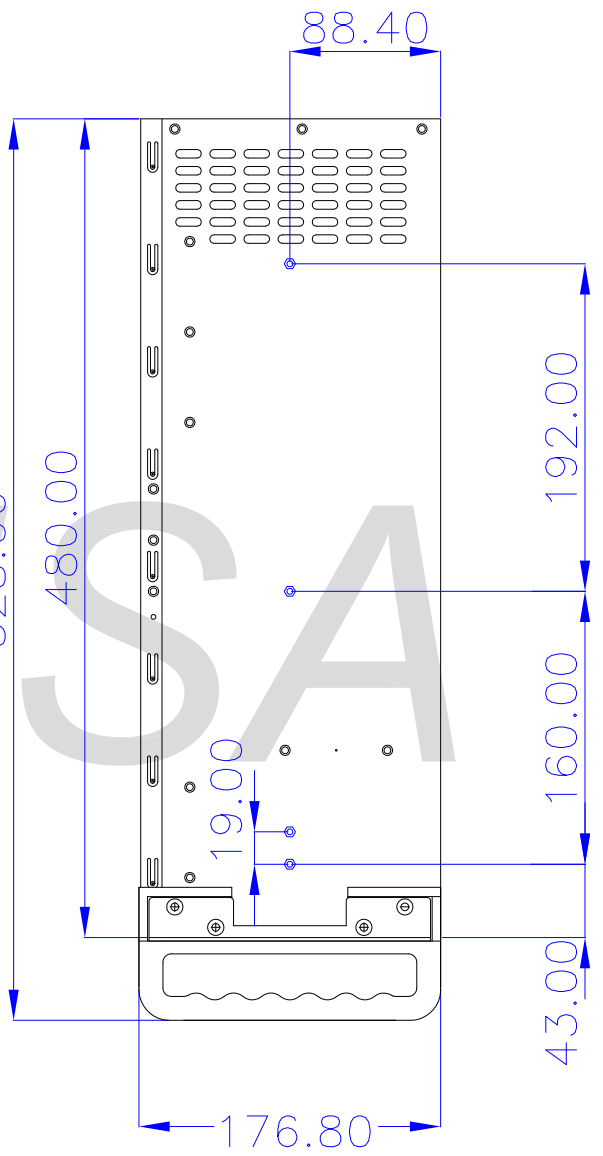
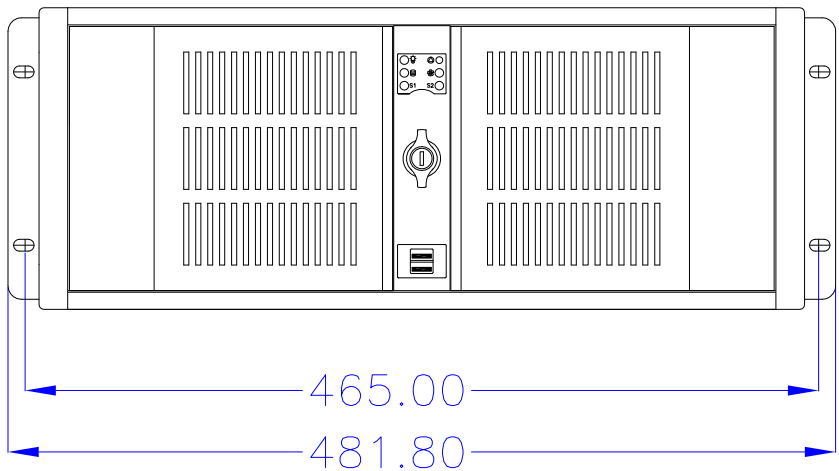
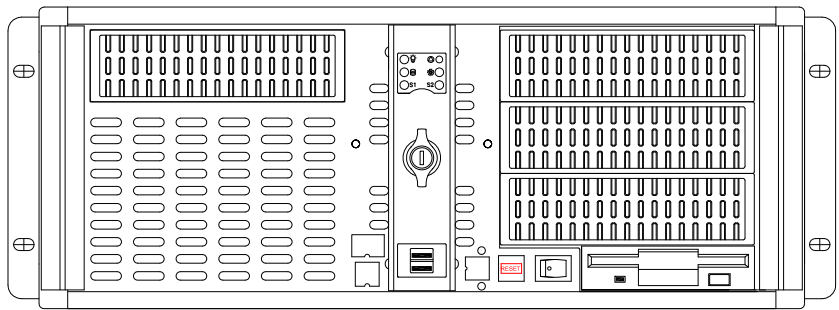
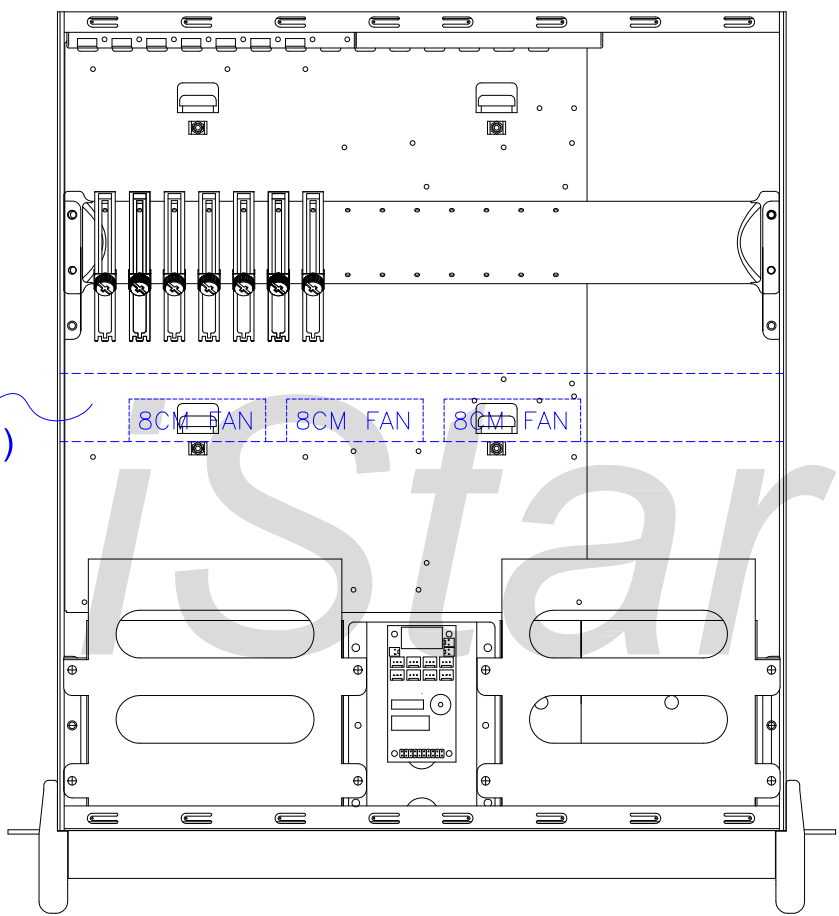
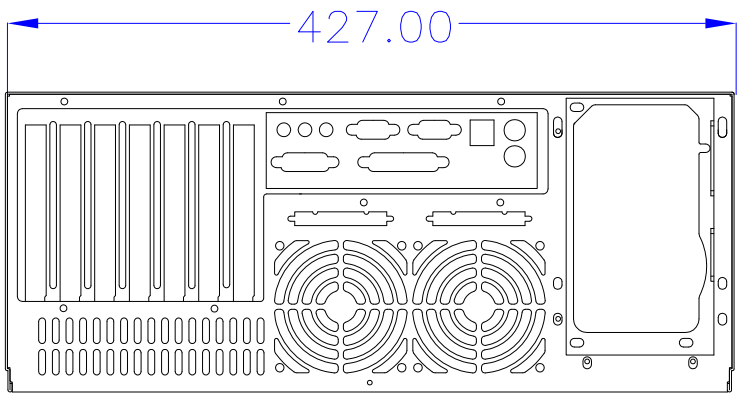


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|-----------|--------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| Model NO. | D-400-7P           | <b>iStarUSA™</b> |                                                                                                                                                                             |       |     |
| EXT       | 5.25" *4 + 3.5" *1 | DATE             | 2008/09/10                                                                                                                                                                  |       |     |
| INT       | 3.5" *2            | PROJ             |   |       |     |
| M/B       | 12" * 13"          | REV NO.          | X                                                                                                                                                                           | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN            | ANDY                                                                                                                                                                        | UNIT  | mm  |

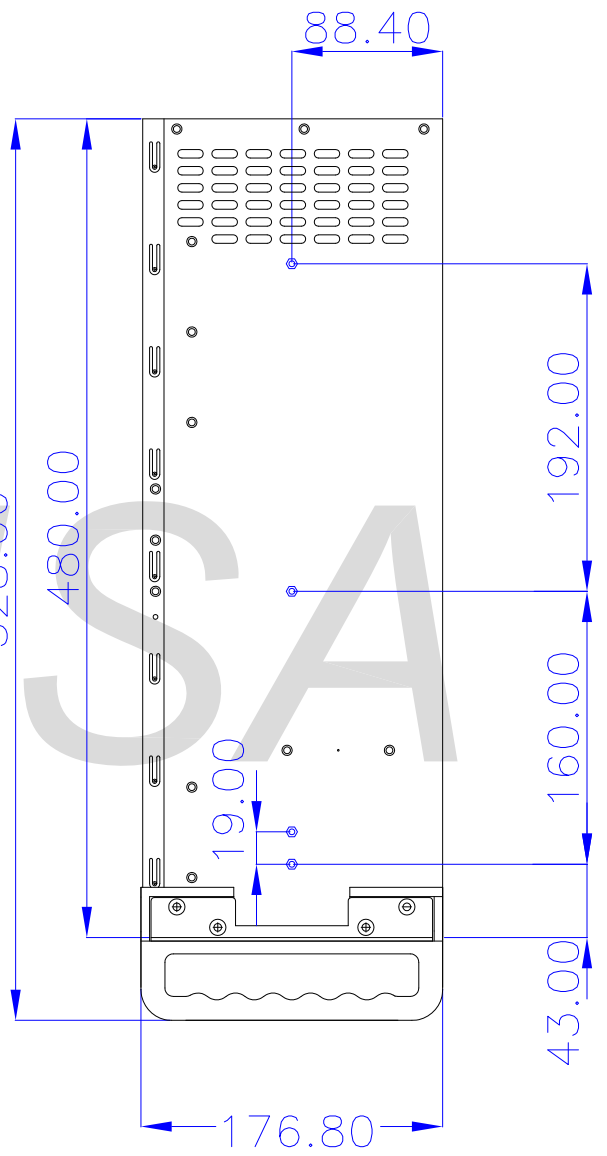
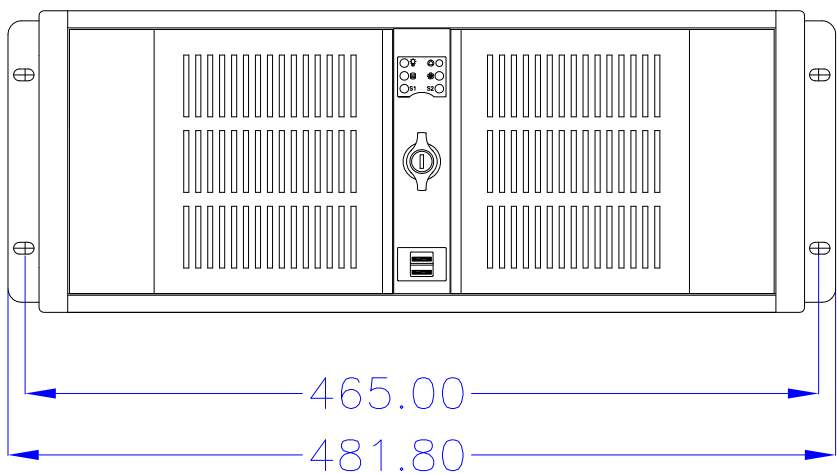
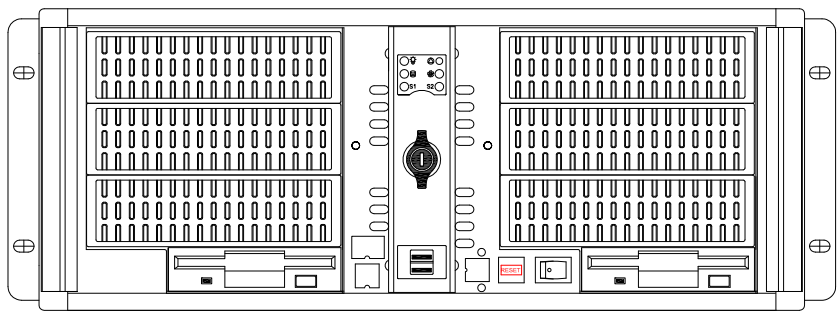
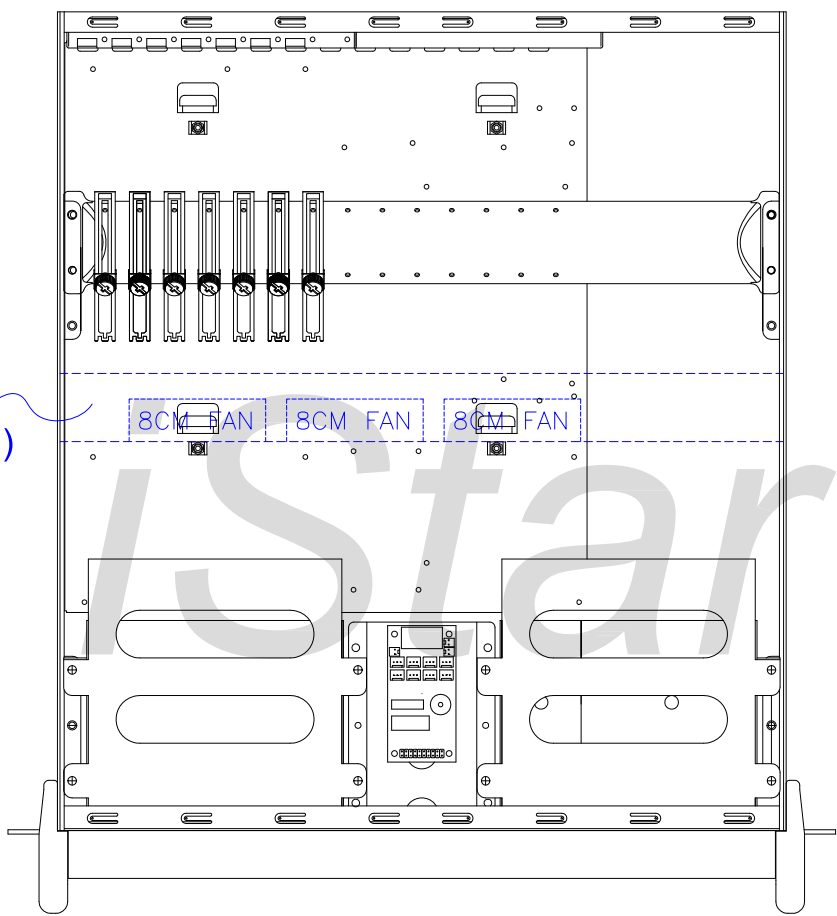
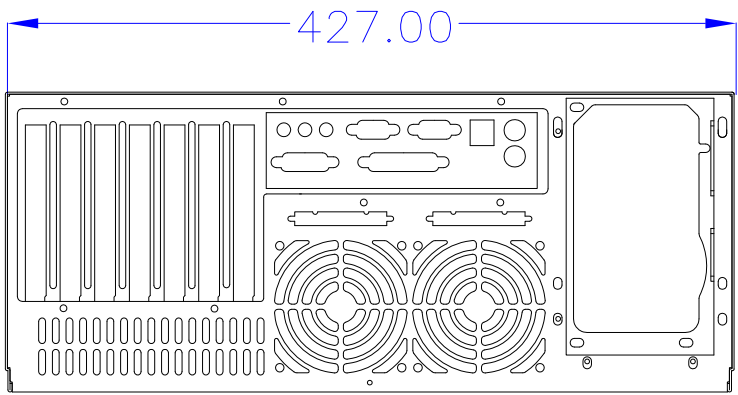


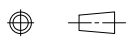


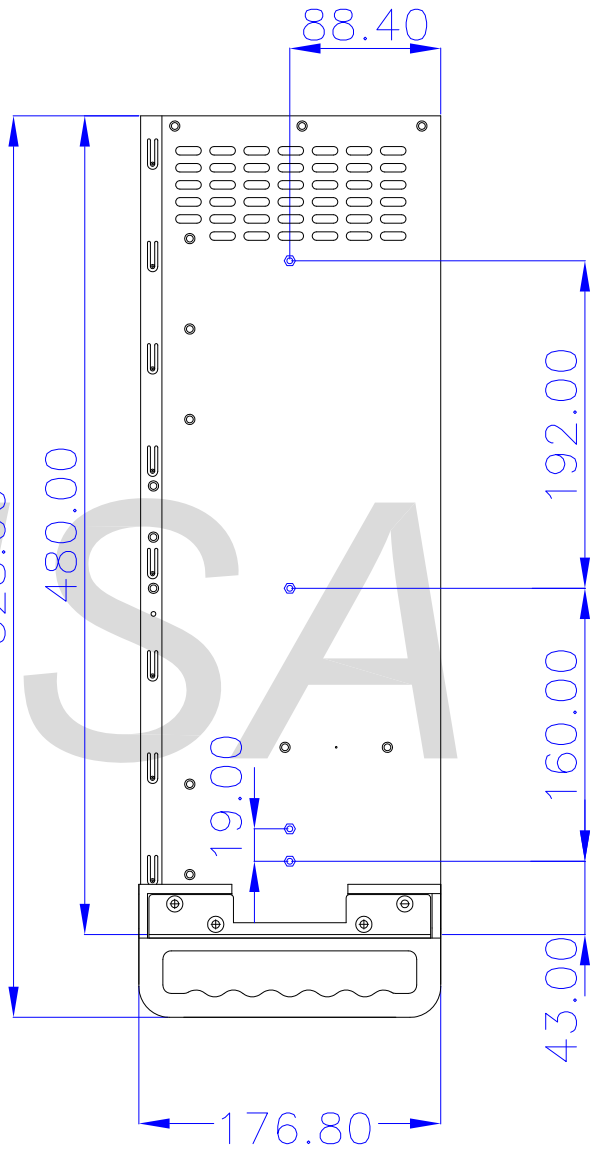
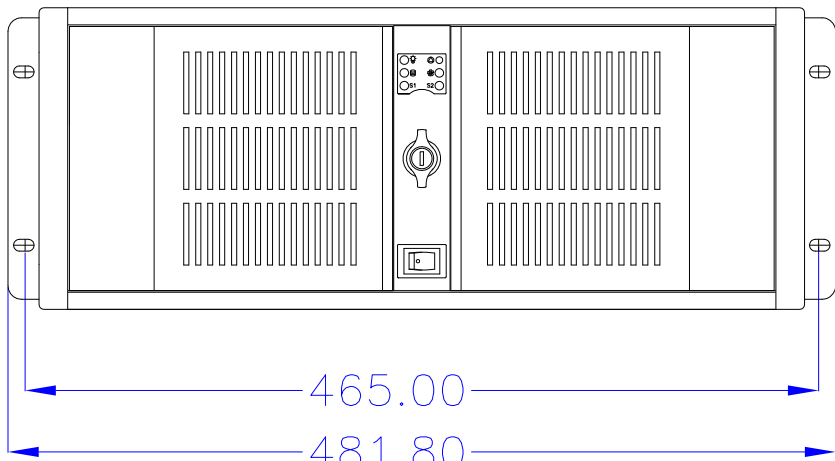
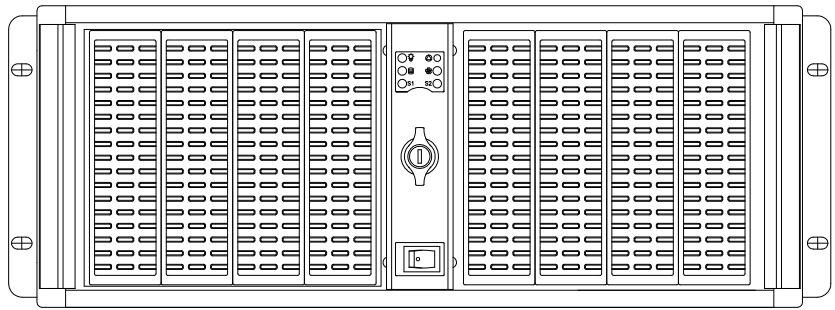
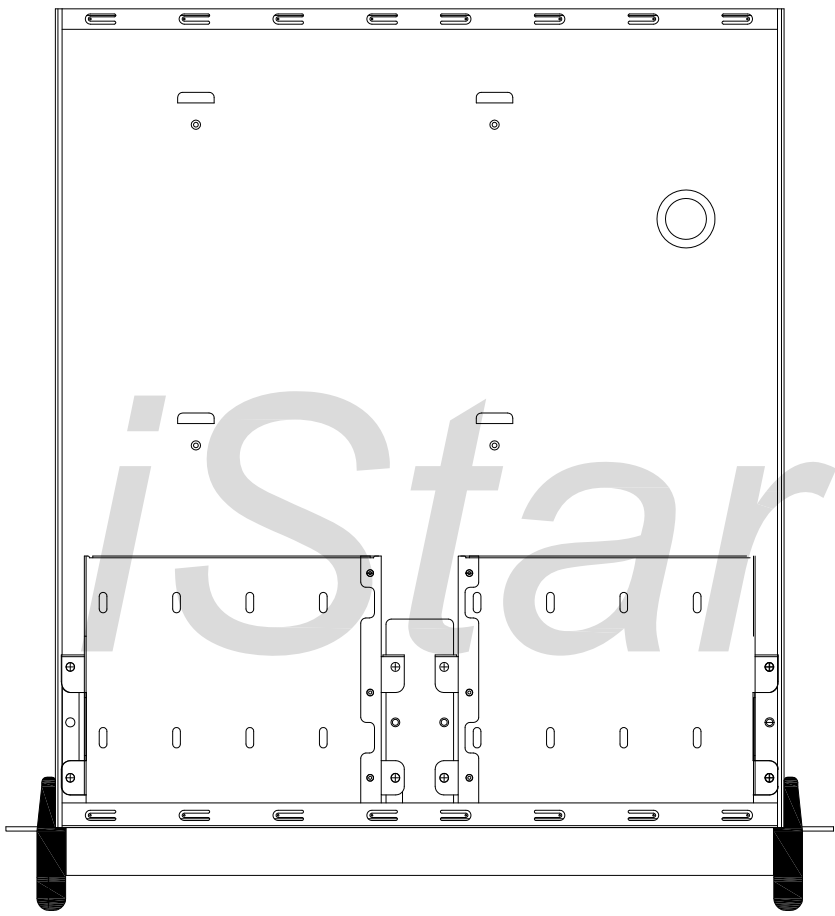
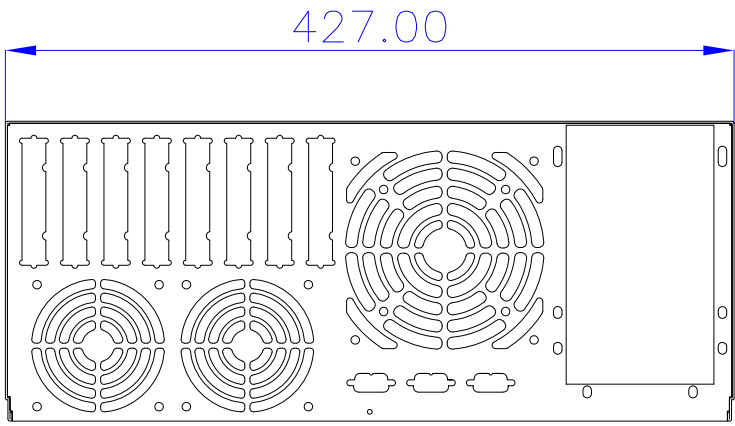
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|-----------|-------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| Model NO. | D-400-8     | iStarUSA™ |                                                                                                                                                                             |       |     |
| EXT       | 5.25" *8    | DATE      | 2008/09/10                                                                                                                                                                  |       |     |
| INT       |             | PROJ      |   |       |     |
| M/B       | 12" * 9.6"  | REV NO.   | X                                                                                                                                                                           | SCALE | 1:1 |
| SLOT      | *7 (L-type) | DRAWN     | ANDY                                                                                                                                                                        | UNIT  | mm  |



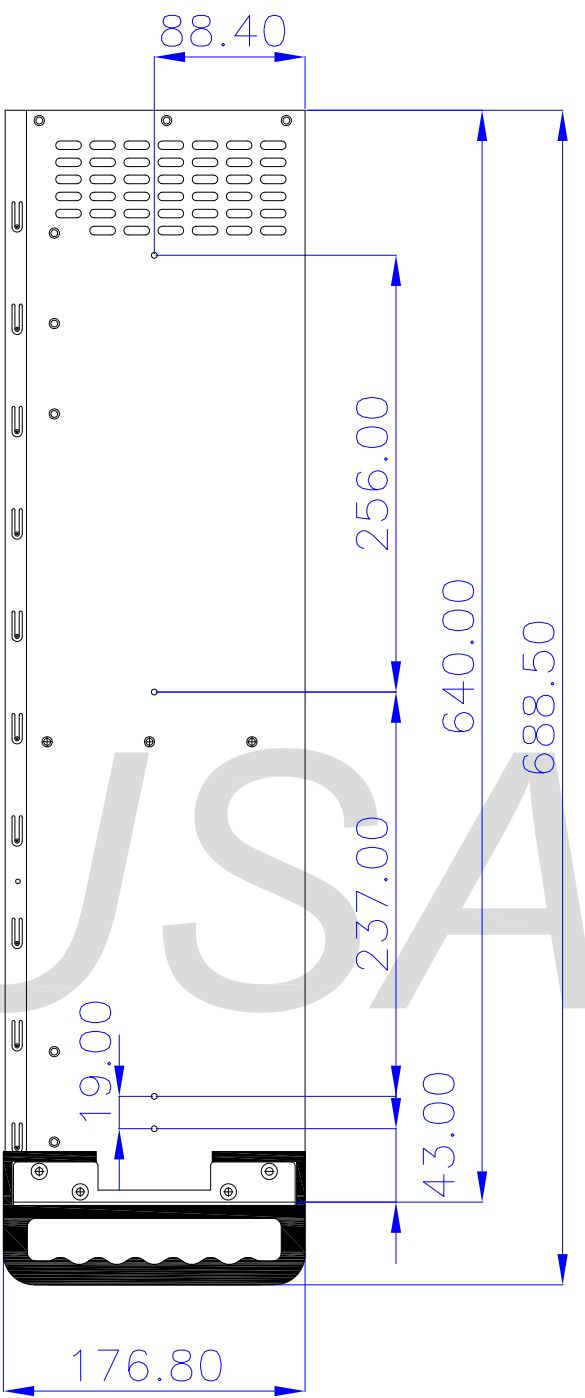
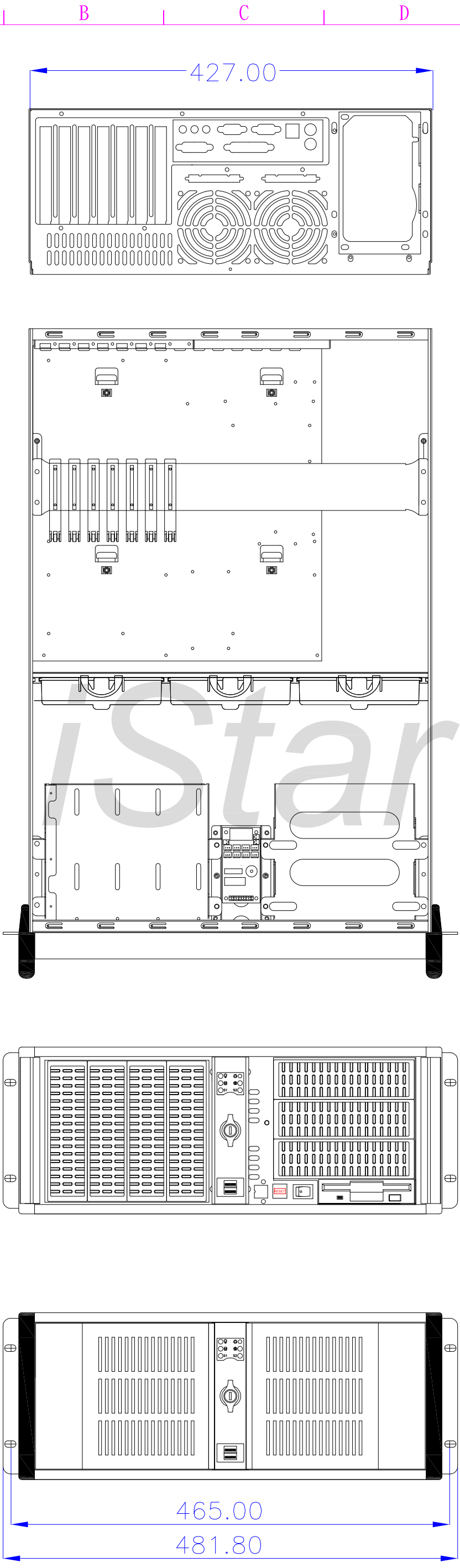
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|-----------|--------------------|-----------|------------|-------|-----|
| Model NO. | D-400A             | iStarUSA™ |            |       |     |
| EXT       | 5.25" *4 + 3.5" *1 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *2            | PROJ      |            |       |     |
| M/B       | 12" * 13"          | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |



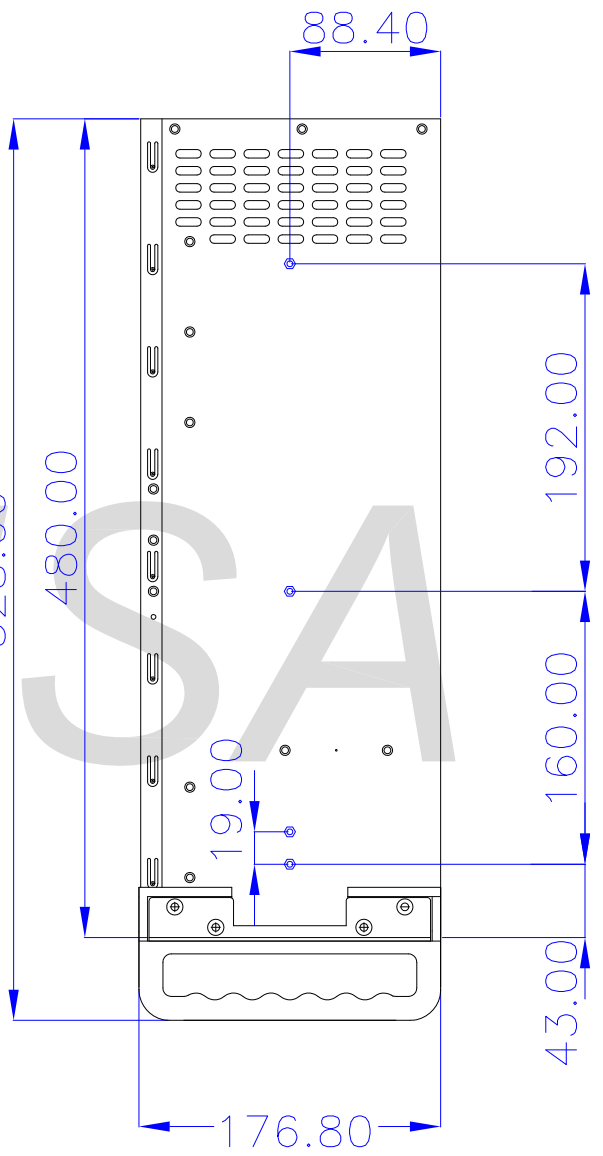
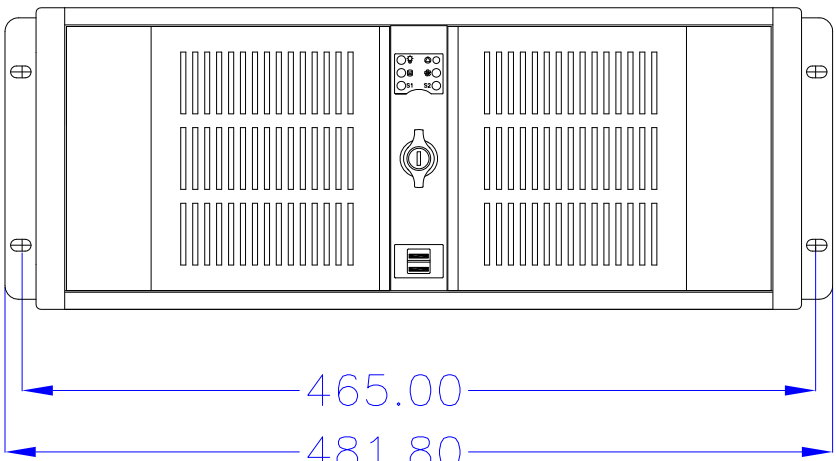
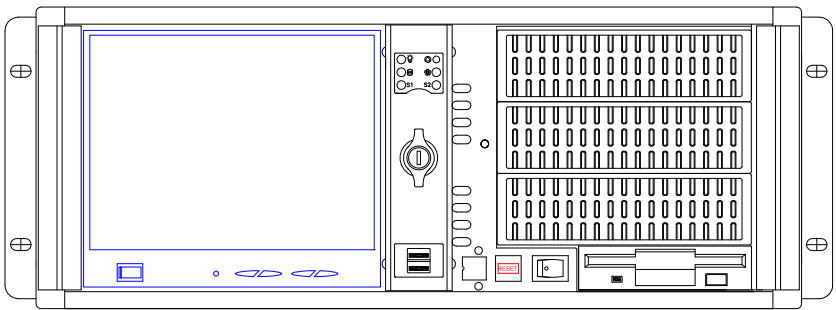
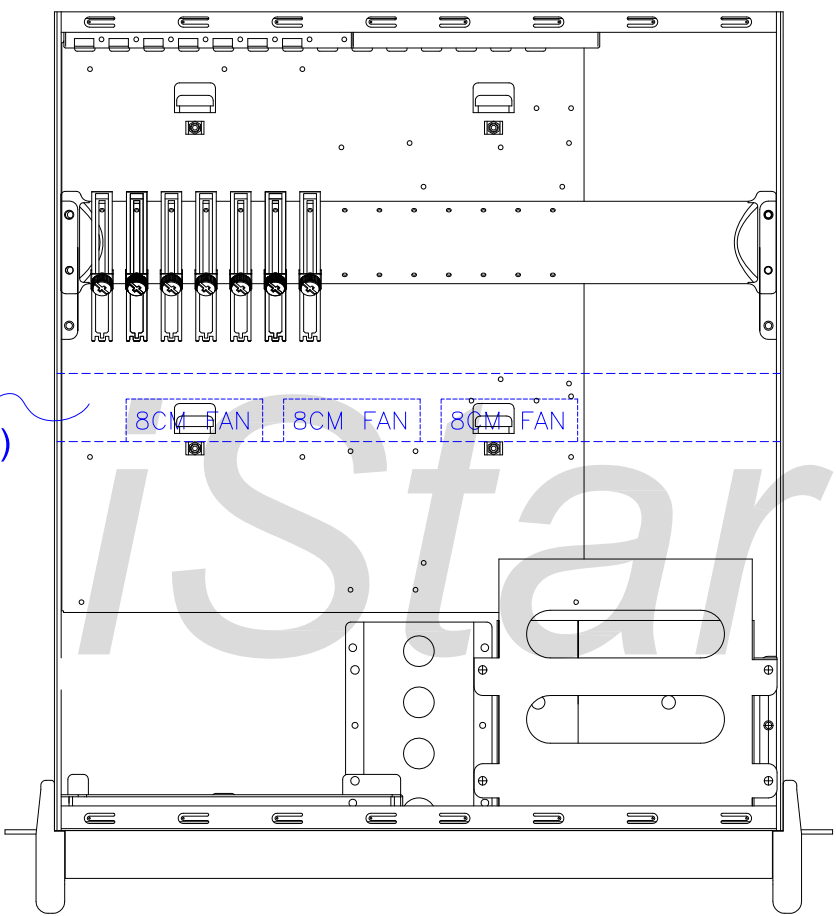
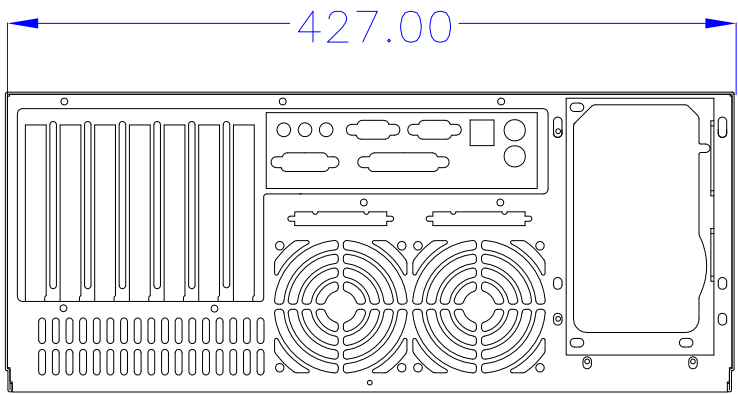
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| Model NO. | D-400A-6           | iStarUSA™ |                                                                                       |       |     |
| EXT       | 5.25" *6 + 3.5" *2 | DATE      | 2008/09/10                                                                            |       |     |
| INT       | 3.5" *2            | PROJ      |  |       |     |
| M/B       | 12" * 13"          | REV NO.   | X                                                                                     | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY                                                                                  | UNIT  | mm  |



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| Model NO. | D-400-JB | iStarUSA™ |                                                                                                                                                                             |       |     |
| EXT       | 5.25" *8 | DATE      | 2008/09/10                                                                                                                                                                  |       |     |
| INT       |          | PROJ      |   |       |     |
| M/B       |          | REV NO.   | X                                                                                                                                                                           | SCALE | 1:1 |
| SLOT      | *8       | DRAWN     | ANDY                                                                                                                                                                        | UNIT  | mm  |



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| Model NO. | D-400L-7           | iStarUSA™ |            |       |     |
| EXT       | 5.25" *7 + 3.5" *1 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *2            | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 13"          | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |



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| Model NO. | D-400-PTS8         | iStarUSA™ |            |       |     |
| EXT       | 5.25" *3 + 3.5" *1 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *1            | PROJ      |            |       |     |
| M/B       | 12" * 13"          | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN     | ANDY       | UNIT  | mm  |



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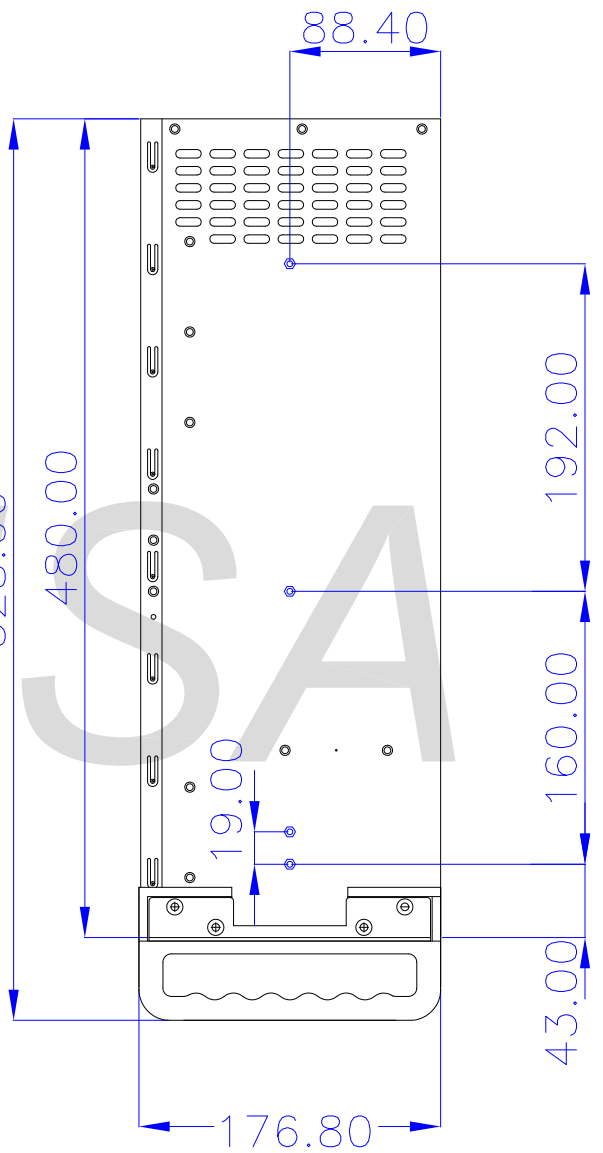
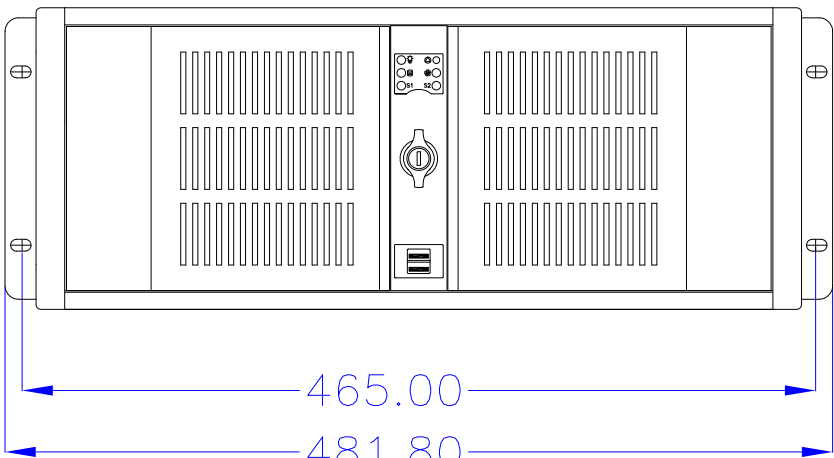
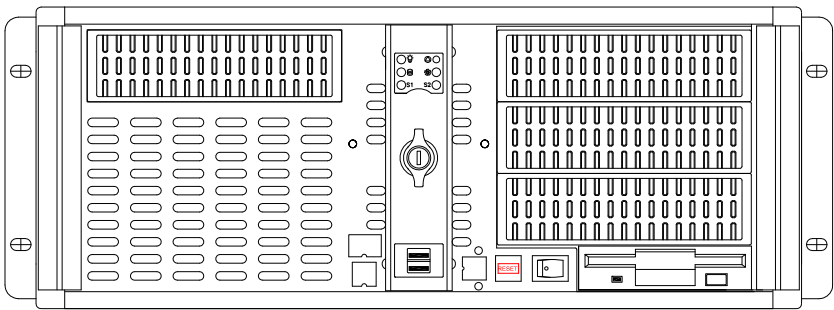
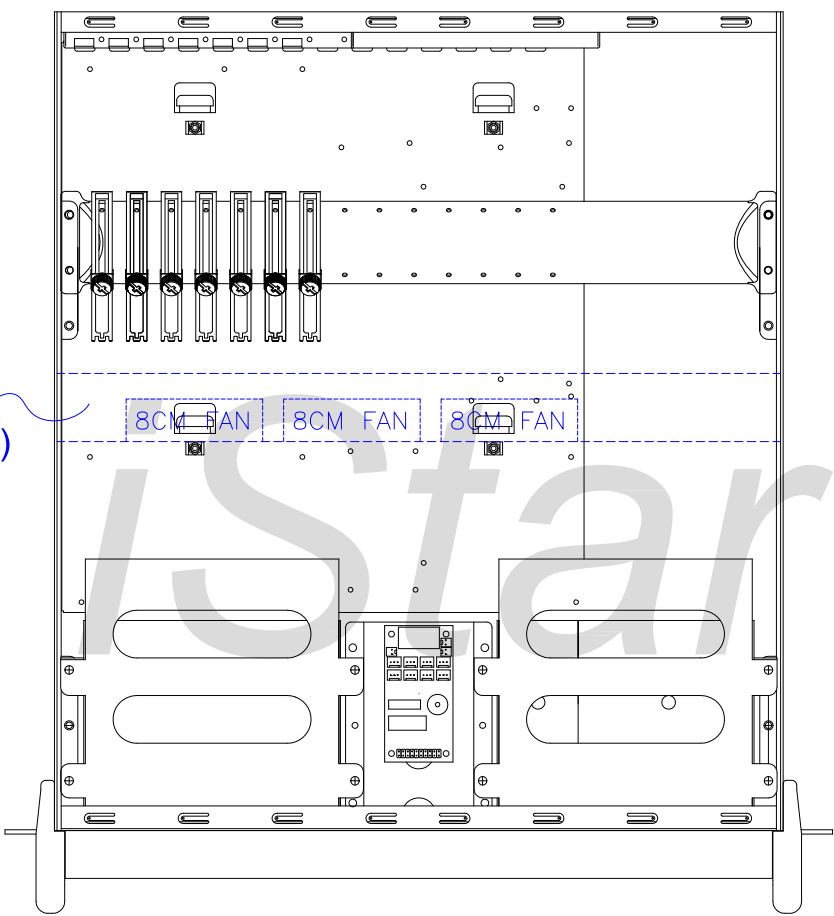
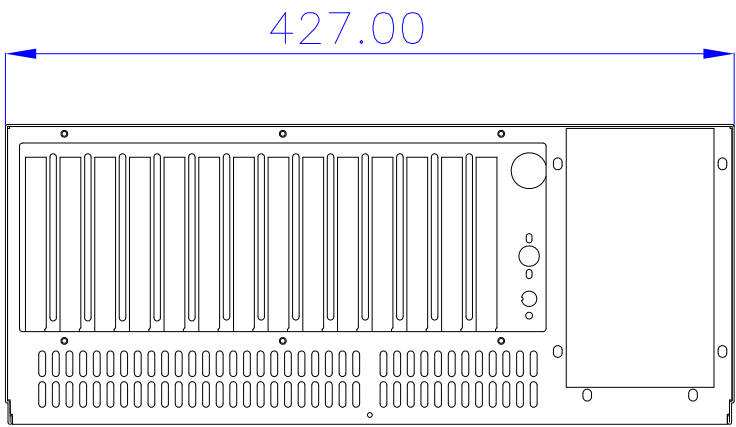
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| Model NO. | D-414              | iStarUSA™ |            |       |     |
| EXT       | 5.25" *4 + 3.5" *1 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *2            | PROJ      |            |       |     |
| M/B       | 12" * 13"          | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *14 (SQ-type)      | DRAWN     | ANDY       | UNIT  | mm  |

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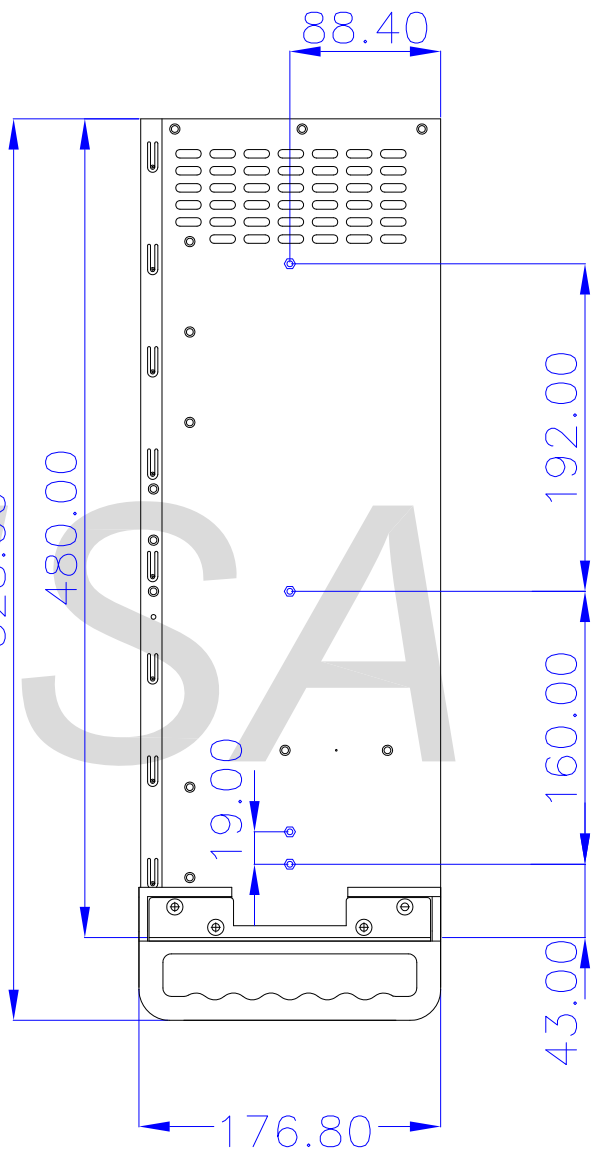
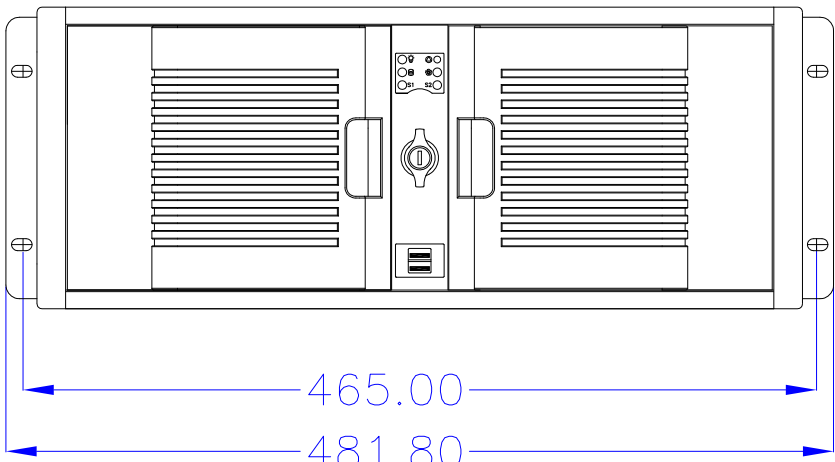
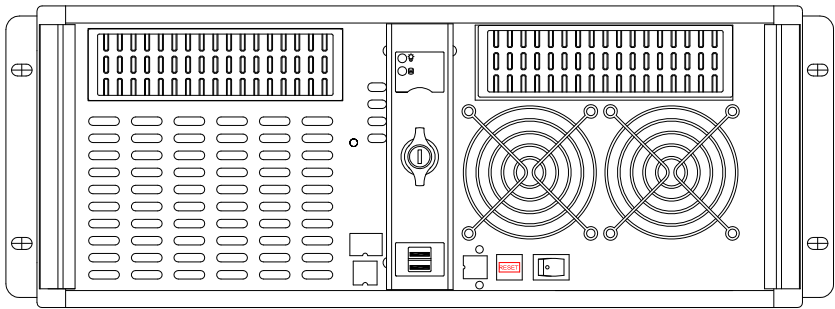
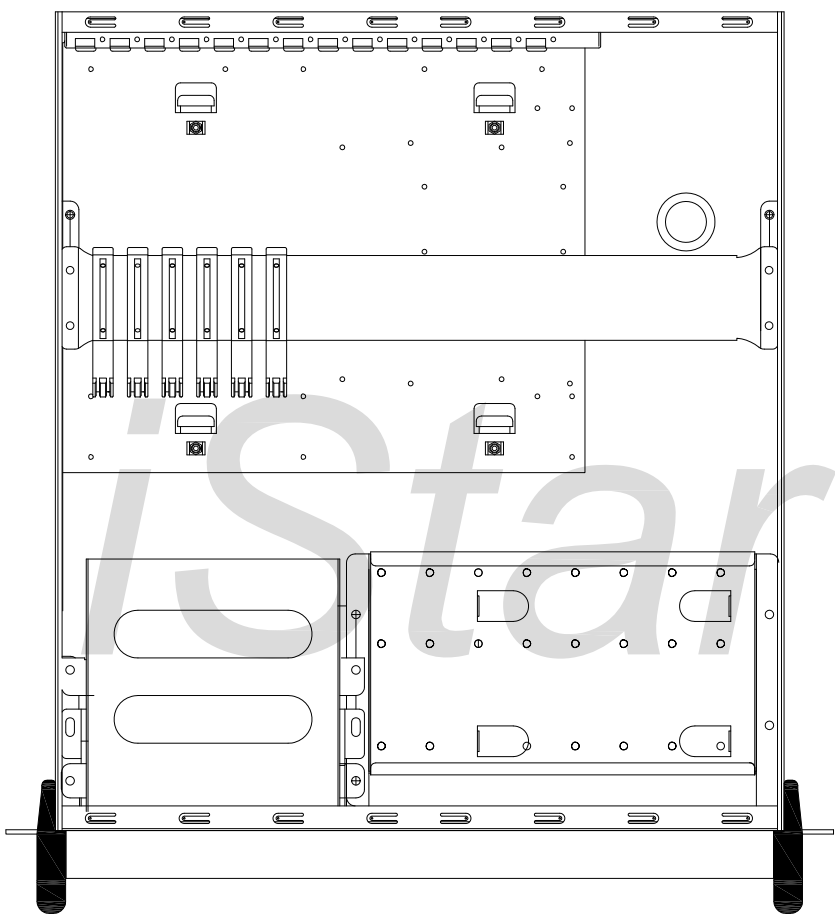
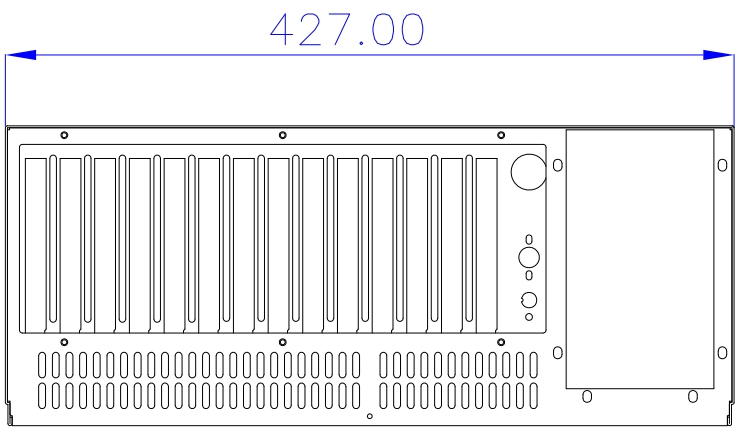
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| Model NO. | D-414-2P      | iStarUSA™ |            |       |     |
| EXT       | 5.25" *2      | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *8       | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 9.6"    | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *14 (SQ-type) | DRAWN     | ANDY       | UNIT  | mm  |

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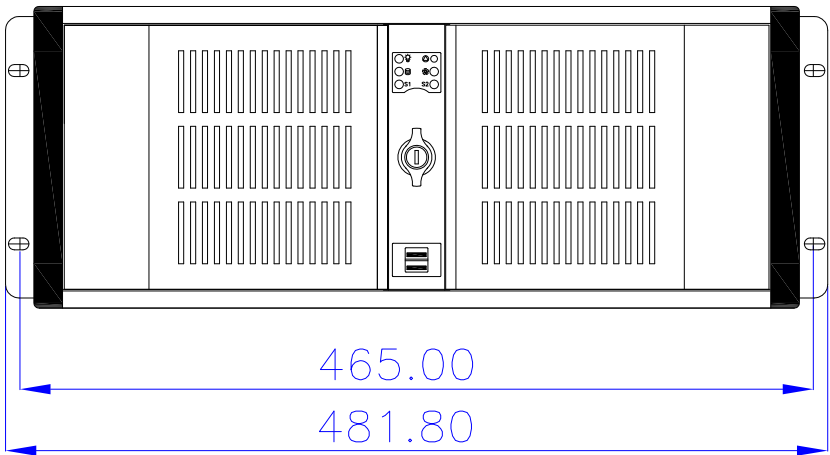
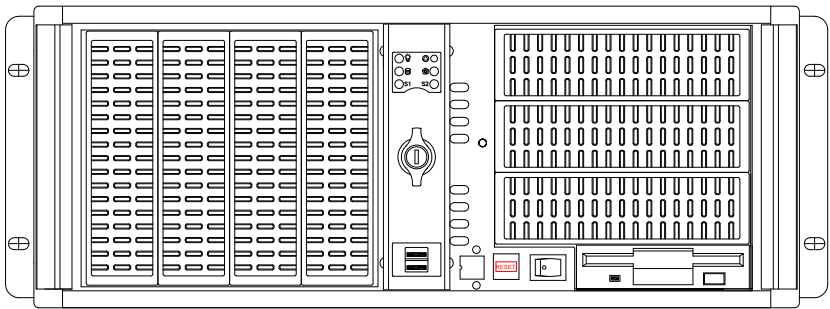
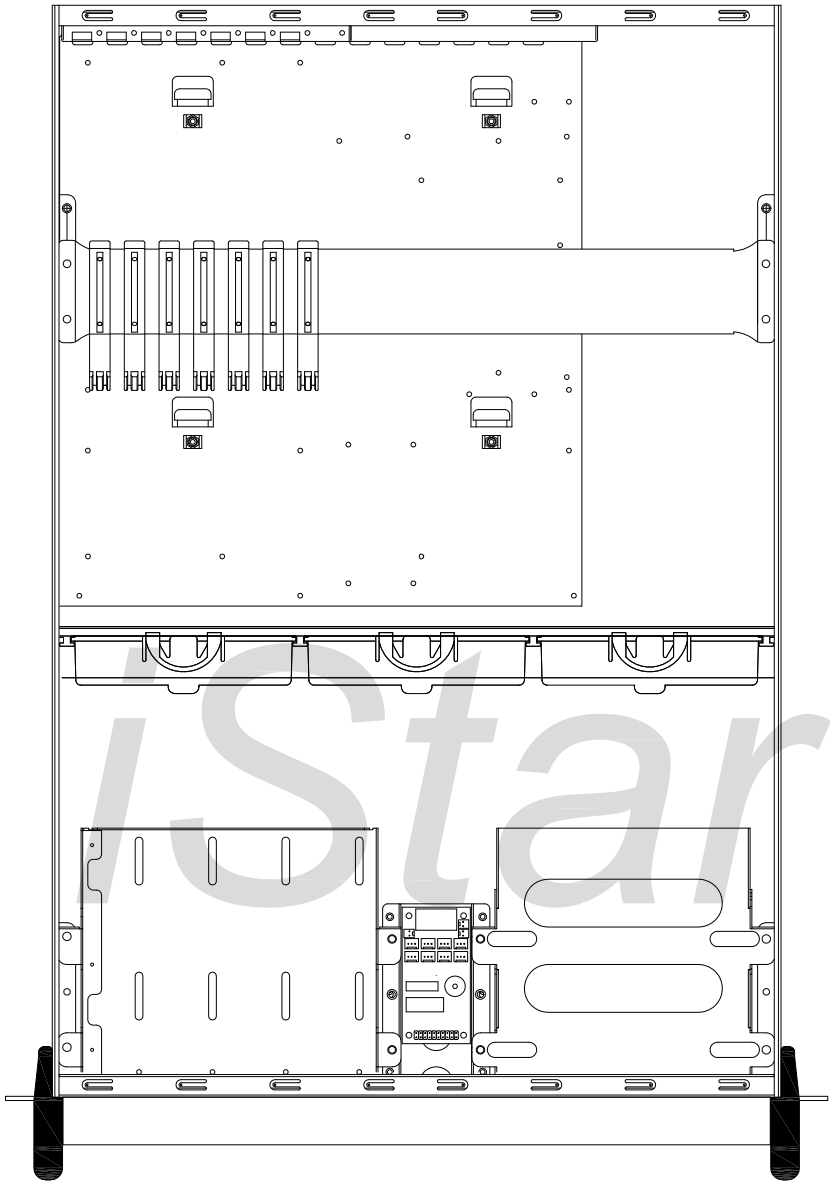
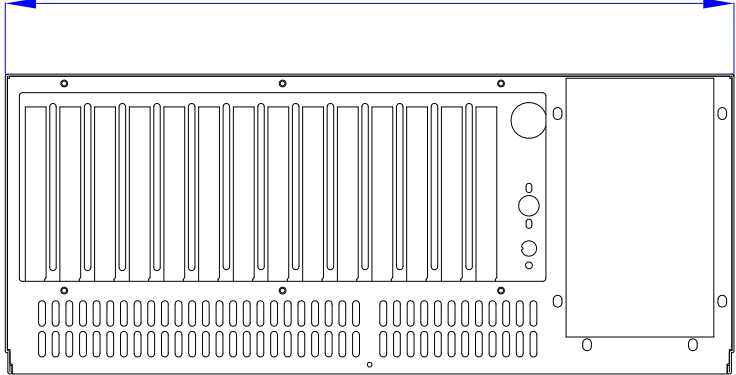
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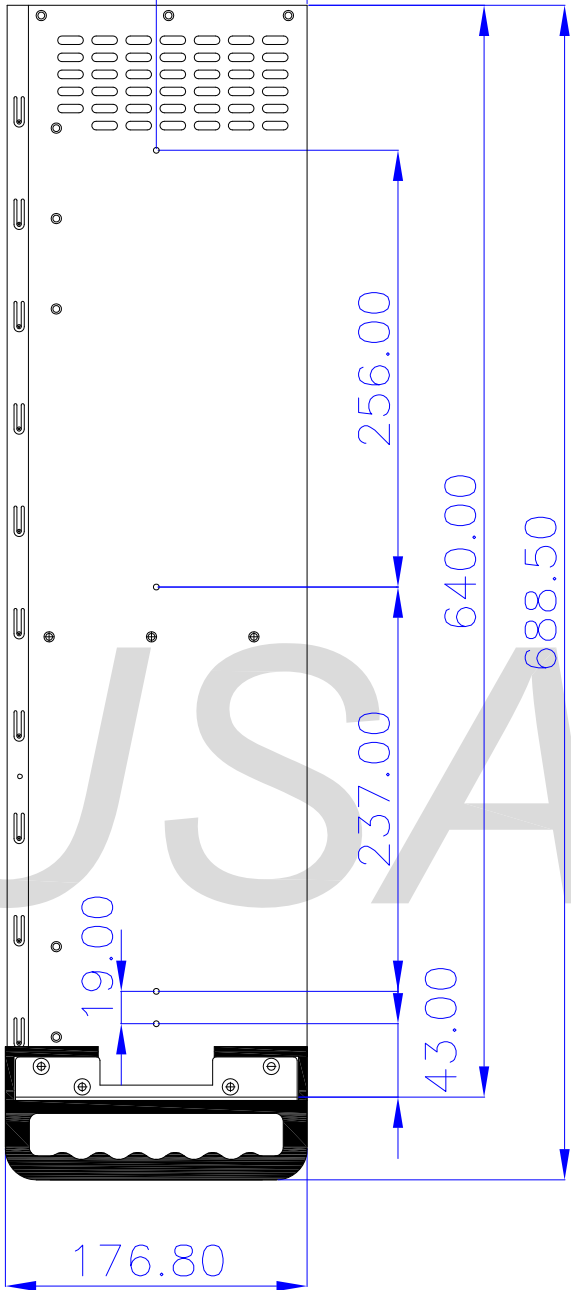
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640.00

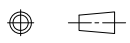
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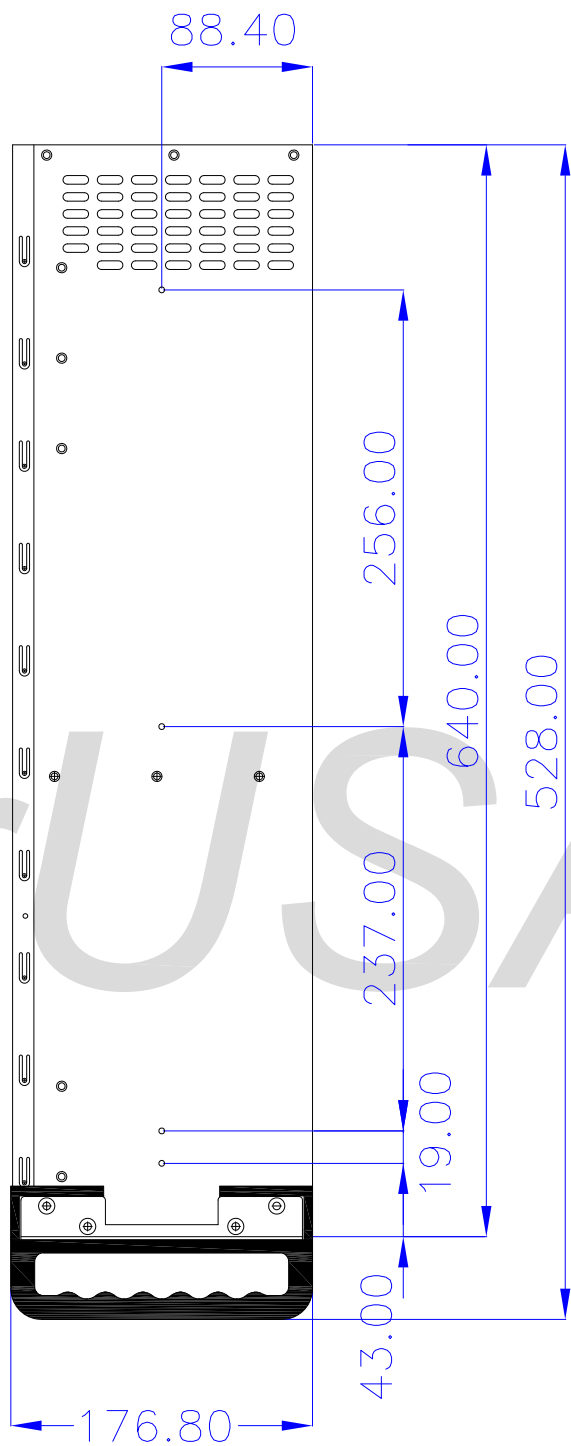
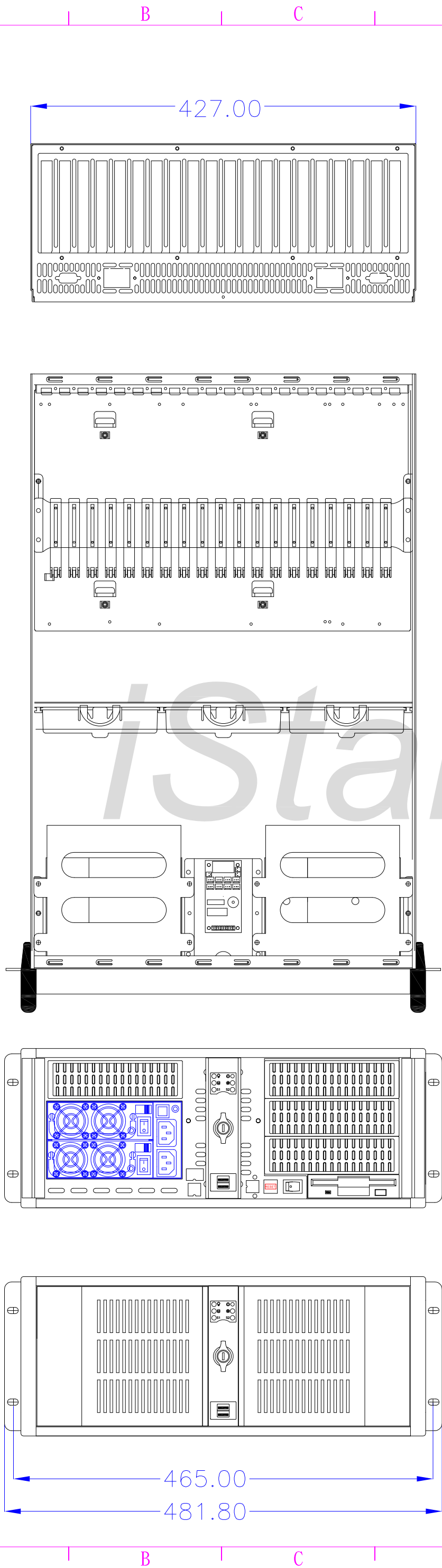
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| Model NO. | D-414L             | iStarUSA™ |                                                                                       |       |     |
| EXT       | 5.25" *4 + 3.5" *1 | DATE      | 2008/09/10                                                                            |       |     |
| INT       | 3.5" *2            | PROJ      |  |       |     |
| M/B       | 12" * 13"          | REV NO.   | X                                                                                     | SCALE | 1:1 |
| SLOT      | *20 (SQ-type)      | DRAWN     | ANDY                                                                                  | UNIT  | mm  |

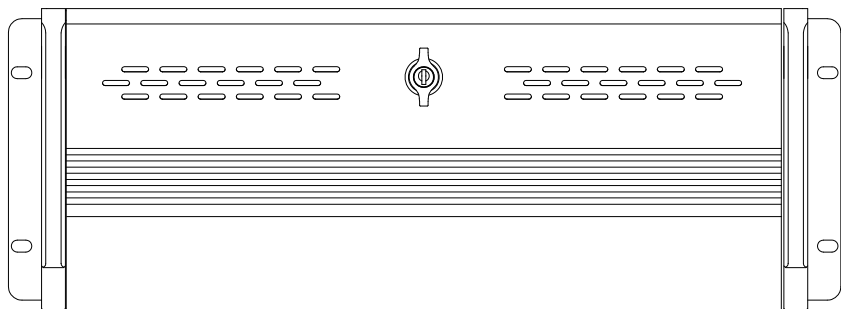
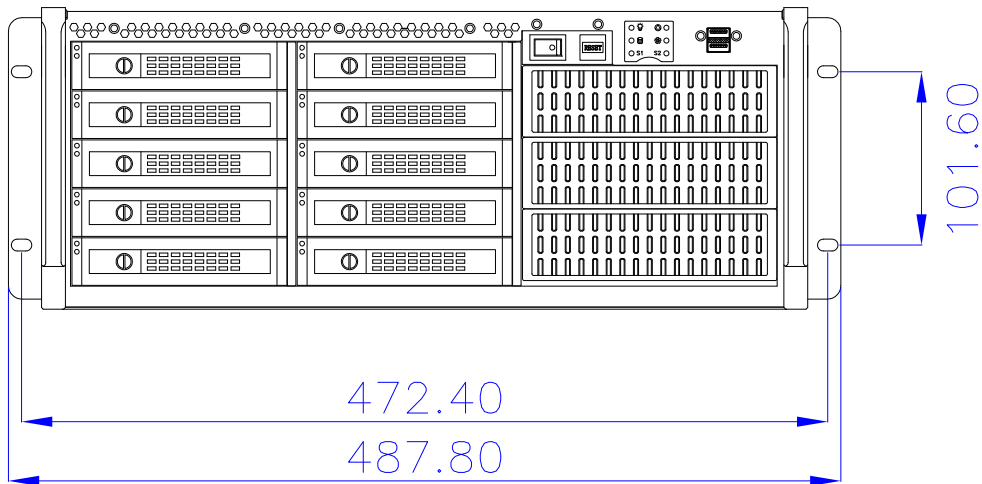
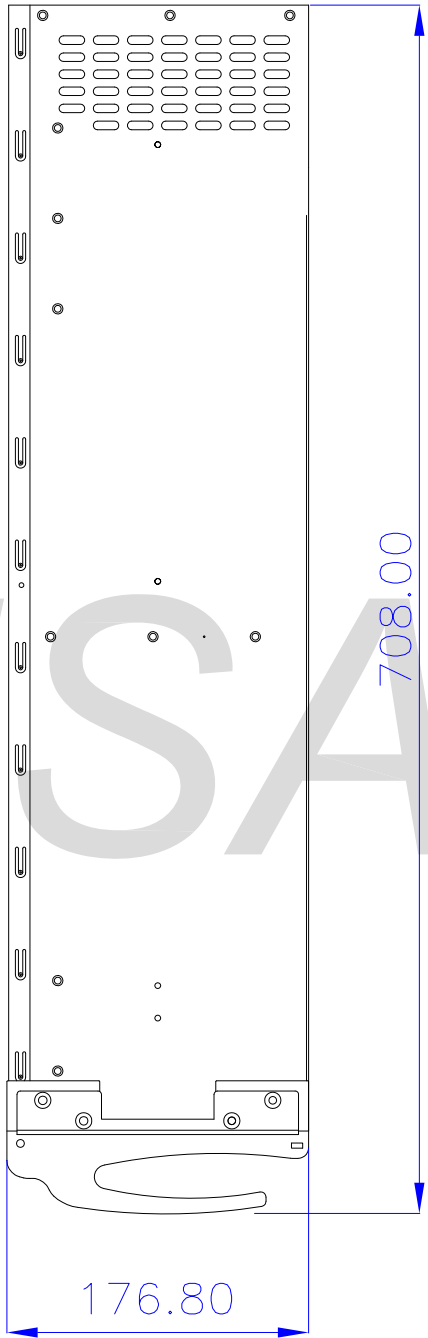
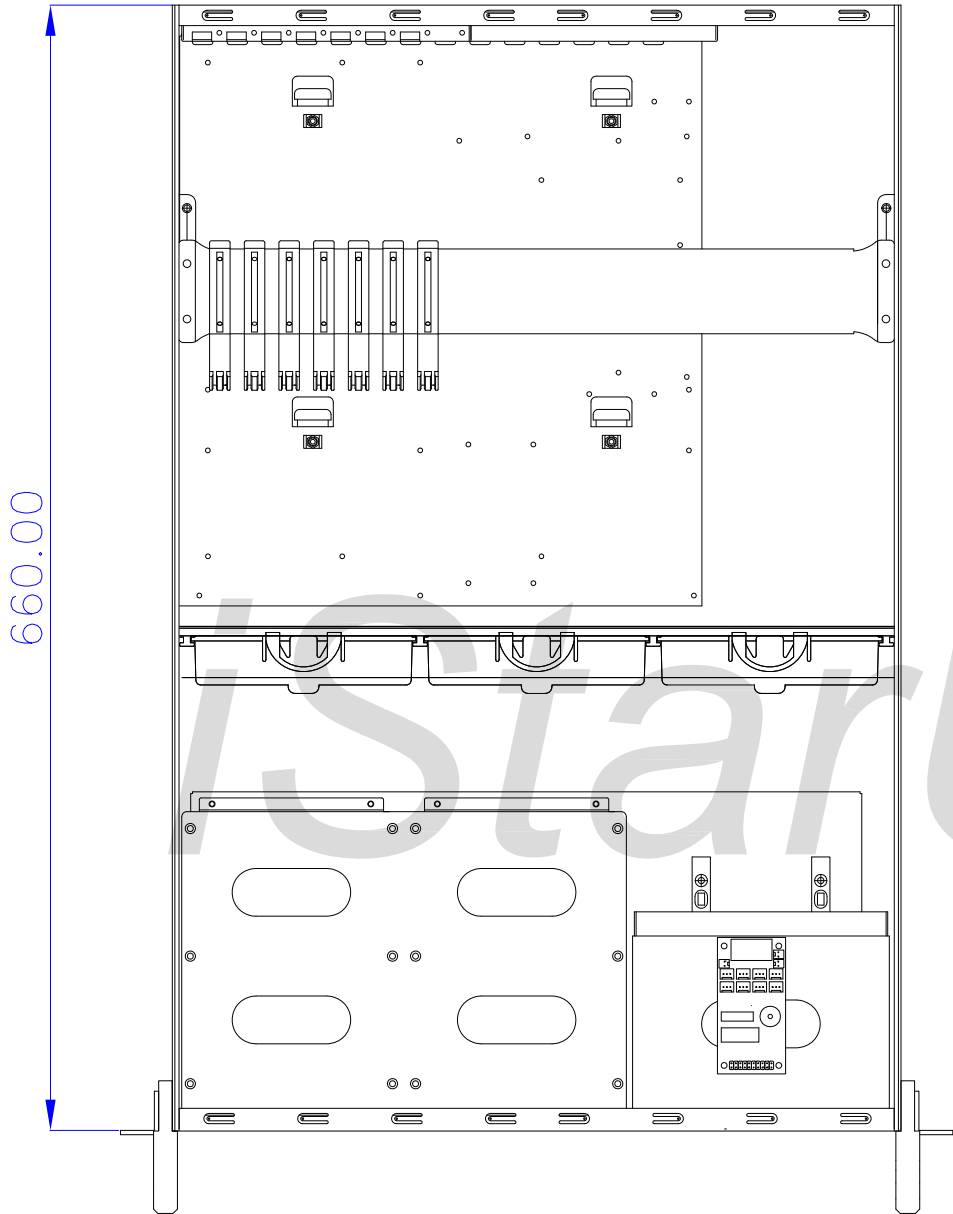
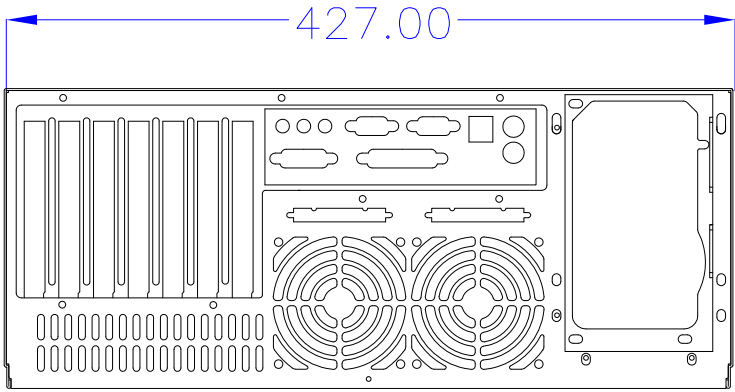


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| Model NO. | D-420L             | iStarUSA™ |            |       |     |
| EXT       | 5.25" *4 + 3.5" *1 | DATE      | 2008/09/10 |       |     |
| INT       | 3.5" *2            | PROJ      | ⊕ ⊖        |       |     |
| M/B       | IPC Backplane      | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *20 (SQ-type)      | DRAWN     | ANDY       | UNIT  | mm  |

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| Model NO. | D2-400L-M10SA              | iStarUSA™ |            |       |     |
| EXT       | 5.25" *3<br>+ Hot-Swap *10 | DATE      | 2008/09/10 |       |     |
| INT       |                            | PROJ      | ⊕ ⊖        |       |     |
| M/B       | 12" * 13"                  | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type)                | DRAWN     | ANDY       | UNIT  | mm  |

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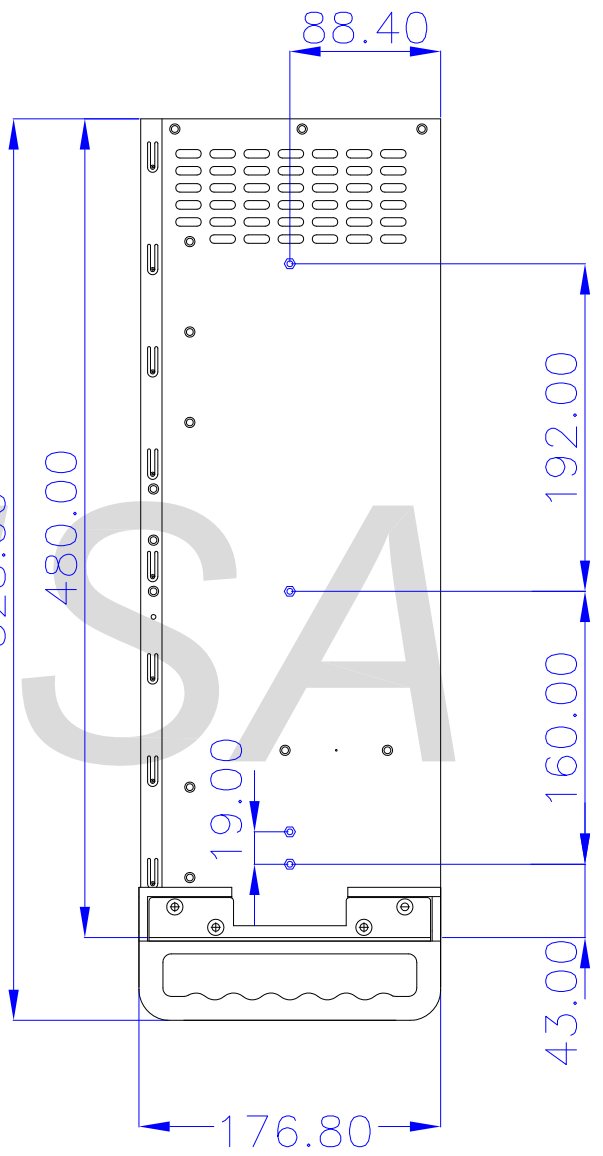
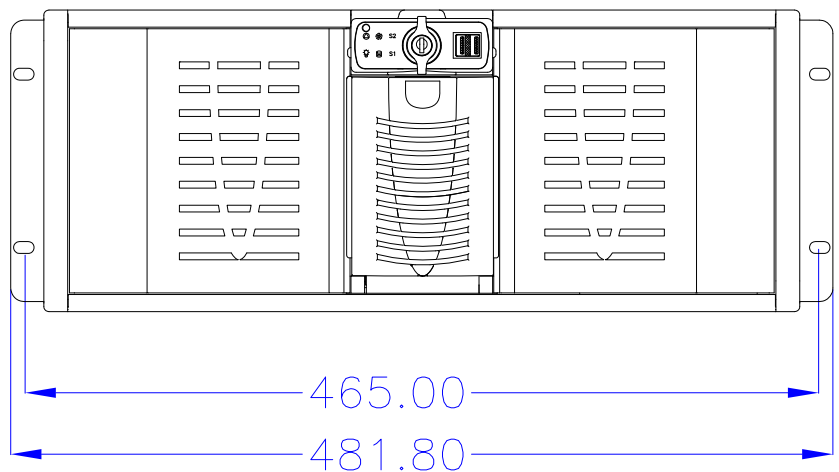
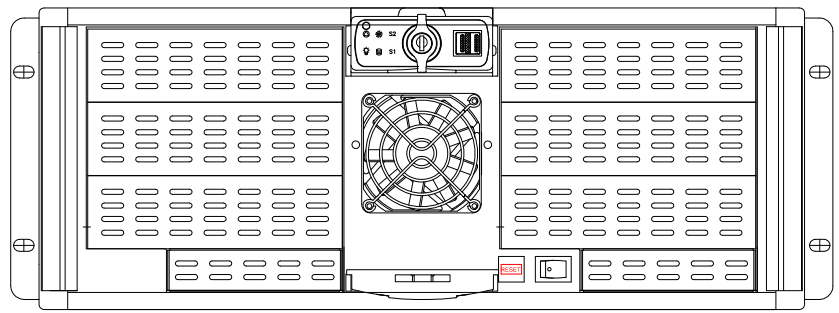
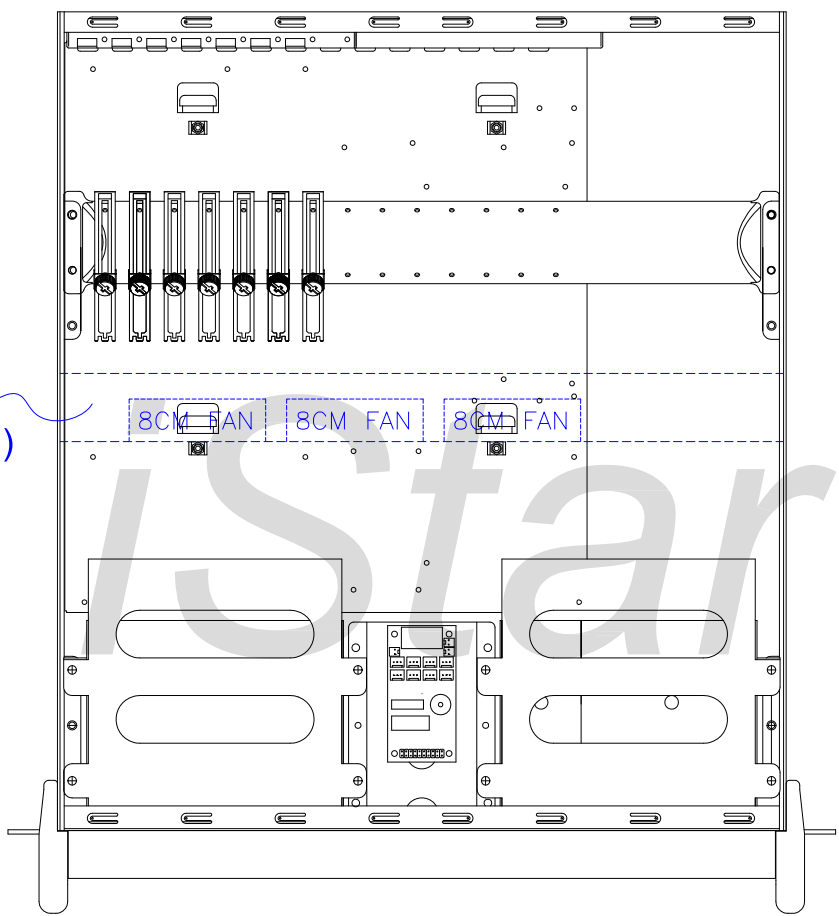
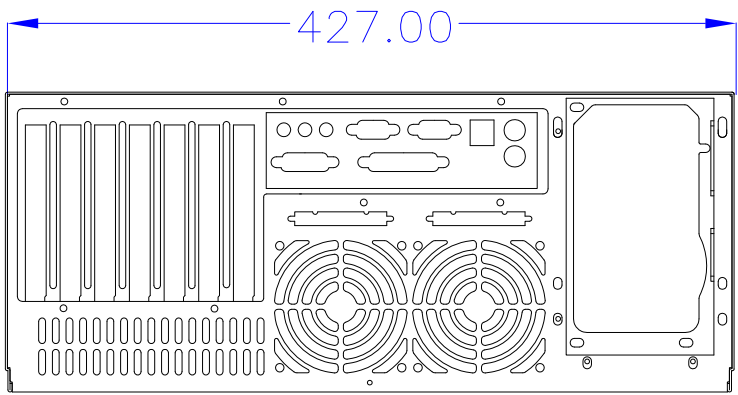
E

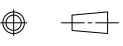
F

G

|           |             |           |            |       |     |
|-----------|-------------|-----------|------------|-------|-----|
| Model NO. | D3-400L     | iStarUSA™ |            |       |     |
| EXT       | 5.25" *10   | DATE      | 2008/09/10 |       |     |
| INT       |             | PROJ      | ⊕ ⊞        |       |     |
| M/B       | 12" * 9.6"  | REV NO.   | X          | SCALE | 1:1 |
| SLOT      | *7 (L-type) | DRAWN     | ANDY       | UNIT  | mm  |





|           |                    |                  |                                                                                       |       |     |
|-----------|--------------------|------------------|---------------------------------------------------------------------------------------|-------|-----|
| Model NO. | D4-400-6           | <b>iStarUSA™</b> |                                                                                       |       |     |
| EXT       | 5.25" *6 + 3.5" *2 | DATE             | 2008/09/10                                                                            |       |     |
| INT       | 3.5" *2            | PROJ             |  |       |     |
| M/B       | 12" * 13"          | REV NO.          | X                                                                                     | SCALE | 1:1 |
| SLOT      | *7 (L-type)        | DRAWN            | ANDY                                                                                  | UNIT  | mm  |



# Product Overview

## 2U Chassis

| Model Number | 5.25" Drive  | 3.5" Drive    | 3.5" Drive<br>(Internal) | Cooling Fan [Optional] |
|--------------|--------------|---------------|--------------------------|------------------------|
| D-200        | 2            | 2             | 0                        | 1x80mm [1x60mm]        |
| D-200S       | 1            | 1             | 3                        | 2x40mm                 |
| D-200-FS     | 1            | 1             | 2                        | 2x80mm                 |
| D-200-PFS    | 1            | 1             | 2                        | 2x80mm                 |
| D-200A-T     | 2 + 1xSlimCD | 1             | 0                        | 1x80mm [3x60mm]        |
| D-200-T      | 2 + 1xSlimCD | 1             | 0                        | 1x80mm [3x60mm]        |
| D-200L       | 2            | 2             | 0                        | 3x80mm                 |
| D-200L-FS    | 1            | 1             | 2                        | 4x80mm                 |
| D-200L-T     | 2 + 1xSlimCD | 1             | 0                        | 3x80mm                 |
| D-206        | 1            | 1             | 1                        | 2x60mm [1x60mm]        |
| D2-200       | 2            | 2             | 0                        | 1x80mm                 |
| D2-200L-M4SA | 1xSlimCD     | 4 Hotswap + 1 | 0                        | 3x80mm                 |
| D3-200L      | 4            | 2             | 0                        | 3x80mm                 |
| D4-200-FS    | 1            | 1             | 2                        | 2x80mm                 |

## 3U Chassis

| Model Number | 5.25" Drive | 3.5" Drive | 3.5" Drive<br>(Internal) | Cooling Fan [Optional]   |
|--------------|-------------|------------|--------------------------|--------------------------|
| D-300        | 4           | 2          | 1                        | 1x60mm [3x60mm]          |
| D-300S5      | 1           | 2          | 3                        | 2x60mm, 1x80mm           |
| D-300A       | 4           | 2          | 1                        | 1x60mm [3x80mm]          |
| D-300AS      | 2           | 1          | 3                        | 1x60mm, 1x80mm [1x60mm]  |
| D-300-FS     | 2           | 1          | 5                        | 1x60mm, 1x80mm [3x80mm]  |
| D-300-PFS    | 2           | 1          | 5                        | 1x60mm, 1x80mm [3x80mm]  |
| D-300L       | 4           | 2          | 1                        | 1x60mm, 3x80mm, [1x60mm] |
| D-300L-FR    | 2           | 1          | 8                        | 1x60mm, 4x80mm           |
| D-300L-FS    | 2           | 1          | 5                        | 4x80mm                   |
| D2-300       | 4           | 2          | 0                        | 1x60mm [1x60mm]          |
| D2-300L-M6SA | 2           | 6 Hotswap  | 0                        | 5x80mm                   |
| D3-300L      | 6           | 3          | 0                        | 3x80mm 2x60mm            |
| D4-300-FS    | 2           | 1          | 5                        | 2x60mm [1x60mm]          |

## 4U Chassis

| Model Number  | 5.25" Drive | 3.5" Drive | 3.5" Drive<br>(Internal) | Cooling Fan [Optional]    |
|---------------|-------------|------------|--------------------------|---------------------------|
| D-400         | 4           | 1          | 2                        | 1x120mm, 1x80mm [1x80mm]  |
| D-400-2P      | 1           | 0          | 8                        | 1x120mm, 3x80mm [1x80mm]  |
| D-400-5       | 5           | 0          | 1                        | 1x120mm 1x80mm [1x80mm]   |
| D-400-6       | 6           | 2          | 2                        | 1x80mm [1x80mm]           |
| D-400-7       | 7           | 1          | 1                        | 1x80mm [1x80mm]           |
| D-400-7P      | 7           | 1          | 1                        | 1x80mm [1x80mm]           |
| D-400-8       | 8           | 0          | 0                        | 1x80mm [1x80mm]           |
| D-400A        | 4           | 1          | 2                        | 1x120mm, 1x80mm, [1x80mm] |
| D-400A-6      | 6           | 2          | 2                        | 1x80mm [1x80mm]           |
| D-400-JB      | 8           | 0          | 0                        | 1x120mm 2x80mm            |
| D-400-PTS8    | 3           | 1          | 1                        | 1x80mm [1x80mm]           |
| D-400L-7      | 7           | 1          | 1                        | 3x120mm, 1x80mm [1x80mm]  |
| D-414         | 4           | 1          | 2                        | 1x120mm                   |
| D-414-2P      | 1           | 0          | 8                        | 1x120mm 1x80mm [1x80mm]   |
| D-414L-7      | 7           | 1          | 1                        | 3x120mm                   |
| D-420L        | 4           | 1          | 2                        | 3x120mm                   |
| D2-400L-M10SA | 3           | 10 hotswap | 0                        | 3x120mm 1x80mm [1x80mm]   |
| D3-400L       | 10          | 0          | 0                        | 3x120mm 2x80mm            |
| D4-400-6      | 6           | 2          | 0                        | 1x80mm 1x60mm [1x80mm]    |

\*\* The Hotswap device for SATA HDD.



| Mainboard Size (inch) | Dimension (W x H x D) inch | Expansion Slots |
|-----------------------|----------------------------|-----------------|
| 12 x 10               | 19.00 x 3.50 x 20.80       | 3               |
| 12 x 10               | 19.00 x 3.50 x 17.00       | 3               |
| 12 x 10               | 19.00 x 3.50 x 20.80       | 3               |
| 12 x 10               | 19.00 x 3.50 x 20.80       | 3               |
| 12 x 10               | 19.00 x 3.50 x 20.80       | 3               |
| 12 x 10               | 19.00 x 3.50 x 20.80       | 3               |
| 12 x 13               | 19.00 x 3.50 x 27.10       | 3               |
| 12 x 13               | 19.00 x 3.50 x 27.10       | 3               |
| 12 x 13               | 19.00 x 3.50 x 27.10       | 3               |
| 12 x 10               | 19.00 x 3.50 x 20.80       | 6               |
| 12 x 10               | 19.00 x 3.50 x 20.80       | 3               |
| 12 x 13               | 19.00 x 3.50 x 27.10       | 3               |
| 12 x 13               | 19.00 x 3.50 x 27.10       | 3               |
| 12 x 10               | 19.00 x 3.50 x 20.80       | 3               |

| Mainboard Size (inch) | Dimension (W x H x D) inch | Expansion Slots |
|-----------------------|----------------------------|-----------------|
| 12 x 10               | 19.00 x 5.25 x 20.80       | 7               |
| 12 x 10               | 19.00 x 5.25 x 15.00       | 7               |
| 12 x 10               | 19.00 x 5.25 x 20.80       | 7               |
| 12 x 10               | 19.00 x 5.25 x 17.50       | 7               |
| 12 x 10               | 19.00 x 5.25 x 20.80       | 7               |
| 12 x 10               | 19.00 x 5.25 x 20.80       | 7               |
| 12 x 13               | 19.00 x 5.25 x 27.10       | 7               |
| 12 x 13               | 19.00 x 5.25 x 27.10       | 7               |
| 12 x 13               | 19.00 x 5.25 x 27.10       | 7               |
| 12 x 10               | 19.00 x 5.25 x 20.80       | 7               |
| 12 x 13               | 19.00 x 5.25 x 27.10       | 7               |
| 12 x 13               | 19.00 x 5.25 x 27.10       | 7               |
| 12 x 10               | 19.00 x 5.25 x 20.80       | 7               |

| Mainboard Size (inch) | Dimension (W x H x D) inch | Expansion Slots |
|-----------------------|----------------------------|-----------------|
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| N/A                   | 19.00 x 7.00 x 20.80       | N/A             |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |
| 12 x 13               | 19.00 x 7.00 x 27.10       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 14              |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 14              |
| 12 x 13               | 19.00 x 7.00 x 27.10       | 14              |
| 12 x 13               | 19.00 x 7.00 x 27.10       | 20              |
| 12 x 13               | 19.00 x 7.00 x 27.10       | 7               |
| 12 x 13               | 19.00 x 7.00 x 27.10       | 7               |
| 12 x 10               | 19.00 x 7.00 x 20.80       | 7               |

## 2U Chassis



## 3U Chassis



## 4U Chassis

