

# SuperChassis 815TQC-R504WB2

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## Key Features

- Optimized for X11 WIO (W series) motherboards, support MB size up to 12.3" x 13.4"
- 4 x 3.5" hot-swap SAS/SATA
- SAS or enterprise SATA HDD only recommended
- 1U 4-Port 12Gbps Backplane Support 4x3.5
- 1U 500W Redundant Single Output power supply W/PMbus 54.5mm width
- 2 full-height & full-length expansion slot(s) , 1 low-profile expansion slot(s)
- 3 x 40x56mm counter-rotation PWM fan(s)

## Specifications

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| <b>Product SKUs</b><br>SuperChassis<br><b>815TQC-R504WB2</b>                                                                                                                                                                                                                             |
| <b>Form Factor</b><br>Optimized for X11 WIO (W series) motherboards, support MB size up to 12.3" x 13.4"                                                                                                                                                                                 |
| <b>Processor Support</b><br>Dual and Single Intel® and AMD processors                                                                                                                                                                                                                    |
| <b>Dimensions</b><br><b>Height</b><br>1.7" (43 mm)<br><b>Width</b><br>17.2" (437 mm)<br><b>Depth</b><br>25.6" (650 mm)<br><b>Gross Weight</b><br>36 lbs (16.33 kg)<br><b>Packaging (W x H x L)</b><br>23.5" (597 mm) x 8.5" (216 mm) x 33.7" (856 mm)<br><b>Available Color</b><br>Black |
| <b>Expansion Slots</b><br>2x Full-height, Full-length expansion slot(s) (Riser Card Required)<br>1x Low-profile expansion slot(s) (Riser Card Required)                                                                                                                                  |
| <b>Drive Bays</b><br>4x 3.5" hot-swap SAS/SATA drive bay<br>SAS or enterprise SATA HDD only recommended                                                                                                                                                                                  |
| <b>Backplane</b><br>4-Port 1U 12Gbps Backplane Support<br>4x3.5                                                                                                                                                                                                                          |
| <b>Front Panel</b><br><b>Button</b><br>Power On/Off button<br>System Reset button<br>Unit Identification (UID) button<br><b>LED</b><br>Power status LED<br>HDD activity LED<br>2 Network Activity LEDs<br>Unit Identification (UID) LED<br>Fan Fail/System Over Heat LED                 |

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| <b>Systems Cooling</b><br><b>Fans</b><br>3x 40x56mm counter-rotation PWM fan(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Operating Environment (System)</b><br><b>Operating Temperature Range</b><br>5°C - 35°C (41°F - 95°F)<br><b>Non-Operating Temperature Range</b><br>-40°C - 70°C (-40°F - 158°F)<br><b>Operating Relative Humidity Range</b><br>8% - 90% (non-condensing)<br><b>Non Operating Relative Humidity Range</b><br>5% - 95% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Power Supply</b><br>1U 500W Redundant<br>Single Output power supply W/PMbus<br>54.5mm width<br><b>Power Efficiency</b><br>94%<br><b>Total Output Power and Input</b><br>500W with Input 100 - 240Vac<br><b>AC Input Frequency</b><br>50-60Hz<br><b>Dimensions (L x W x H)</b><br>320 x 54.5 x 40.25 mm<br><b>Output Type</b><br>Backplanes (gold finger)<br><b>+12V</b><br>Max: 42A / Min: 0.5A (100Vac - 240Vac)<br><b>+5Vsb</b><br>Max: 4A / Min: 0A<br><b>Power Distributor</b><br>PDB-PT112-S2424<br>O/P: 12V/54<br>+5V Max: 25A<br>+3.3V Max: 25A<br>-12V Max: 0.6A<br><b>Certification</b><br><br>( <a href="http://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.aspx?id=69&amp;type=1">http://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.aspx?id=69&amp;type=1</a> ). <b>Platinum Certified</b> |
| <b>Regulatory (Power Supply)</b><br><b>Power Supply Safety / EMC</b><br>BSMI<br>CCC<br>CE/EMC<br>FCC class A<br>TUV/CB<br>UL/CUL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |