

SuperChassis 815TQC-R706WB2



▶ [Chassis Manual](#)
▶ [Optimization](#)

Note: Image above may show a varied configuration of optional parts. Please refer to parts list for standard parts included.



Key Features

1. Optimized for X11 WIO (W series) motherboards, support MB size up to 12.3" x 13.4"
 2. 4 x 3.5" hot-swap SAS/SATA
 3. SAS or enterprise SATA HDD only recommended
 4. 1U 4-Port 12Gbps Backplane Support 4x3.5
 5. 1U Redundant 700/750W Single Output Power Supply Platinum level, 54.5mm width
 6. 2 full-height & full-length expansion slot(s) , 1 low-profile expansion slot(s)
 7. 4 x 40x56mm counter-rotation PWM fan(s)
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Specifications

Product SKUs

- **CSE-815TQC-R706WB2** ■ SuperChassis 815TQC-R706WB2

Form Factor

- Optimized for X11 WIO (W series) motherboards, support MB size up to 12.3" x 13.4"

Processor Support

- Single and Dual Intel® and AMD processors

Dimensions

- **Height** ■ 1.7" (43 mm)
- **Width** ■ 17.2" (437 mm)
- **Depth** ■ 25.6" (650 mm)
- **Gross Weight** ■ 36 lbs (16.33 kg)
- **Packaging (W x H x L)** ■ 23.5" (597 mm) x 8.5" (216 mm) x 33.7" (856 mm)
- **Available Color** ■ Black

Expansion Slots

- 2 full-height & full-length expansion slot(s)
- 1 low-profile expansion slot(s)

Drive Bays

- 4 x 3.5" hot-sw ap SAS/SATA
- SAS or enterprise SATA HDD only recommended

Backplane

- 1U 4-Port 12Gbps Backplane Support 4x3.5

Front Panel

- **Buttons** ■ Power On/Off button
- System Reset Button
- Unit Identification (UID) button

- **LEDs** ■ 2 Network Activity LEDs
- Fan Fail/System Over Heat LED
- HDD activity LED
- Power Status LED
- Unit Identification (UID) LED

Systems Cooling

- **Fans** ■ 4 x 40x56mm counter-rotation PWM fan(s)

Operating Environment (System)

- **Operating Temperature Range** ■ 5°C - 35°C (41°F - 95°F)

- **Non-Operating Temperature Range** ■ -40°C - 70°C (-40°F - 158°F)

- **Operating Relative Humidity Range** ■ 8% - 90% (non-condensing)

- **Non-Operating Relative Humidity Range** ■ 5% - 95% (non-condensing)

Power Supply

1U Redundant 700/750W Single Output Power Supply Platinum level, 54.5mm width

- **Power Efficiency** ■ 94%

- **Total Output Power and Input** ■ 700W with Input 100 - 140Vac
- 750W with Input 200 - 240Vac

- **AC Input Frequency** ■ 50-60Hz

- **Dimensions (L x W x H)** ■ 320 x 54.5 x 40.25 mm

- **Output Type** ■ Backplanes (gold finger)

- **+12V** ■ Max: 58A / Min: 0.5A (100Vac - 140Vac)
- Max: 62A / Min: 0.5A (200Vac - 240Vac)

- **+5Vsb** ■ Max: 3A / Min: 0A

- **Power Distributor** ■ PDB-PT112-S2424
- O/P: 12V/54A
- +5V Max: 25
- +3.3V Max: 25
- -12V Max: 0.6

- **Certification** ■  **Platinum Certified**

Regulatory (Power Supply)

- **Power Supply Safety / EMC** ■ BSMI
- CCC
- CE/EMC
- FCC class A
- UL/CB
- UL/CUL

Components

Standard Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-19002-0N	1	SC815/113/116 Intel DP X9, X8 PC air shroud, 12x13MB
HD Backplane	BPN-SAS3-815TQ	1	1U 4-Port 12Gbps Backplane Support 4x3.5
Cable(S)	CBL-0335L	1	CBL,FRONT CNTL,20 TO 20 PIN,RA,RND TUBE,73CM,28AWG
CD-ROM & Accessory	CSE-PT93L-B	1	Black DVD dummy cover for SC813, 813M, 815, PBF-RoHS
Fan(s)	FAN-0156L4	4	40x40x56 mm 13K-11K RPM Counter-rotating Fan,RoHS/REACH
Front Panel	FPB-FP815U	1	815 UIO front control board (U)
Cooling Fan & Accessory	CSE-PT0135	1	FAN HOLDER FOR SIX 40X56MM COUNTER ROTATING FANS
Cooling Fan & Accessory	MCP-340-00035-0B	2	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)
Drive Tray(s)	MCP-220-00075-0B	4	Black gen 5.5 hot-sw ap 3.5"; HDD tray
Power Distributor	PDB-PT112-S2424	1	WIO X11 Support,PDB-PT112-S2424 is based on PDB-PT112-2424
Part(s)	MCP-120-00030-0N	1	Blank LP L-bracket (1 raw of capsule hole)
Part(s)	MCP-120-00053-0N	2	Blank FH L bracket w/o SCSI cutout for SC825,836,846,743
Power Supply & Accessory	PWS-706P-1R	2	1U 750W redundant power width 54.5mm(Platinum),HF,RoHS/REACH,PBF
Power Supply & Accessory	MCP-250-81502-0N	1	SC815 Redundant Power Distributor Cover
Mounting Rail(s)	MCP-290-00054-0N	1set	Rail set, quick/quick, optional for 1U 17.2
Rear Window	MCP-240-00098-0N	1	WIO rear window for SC113,SC116, SC815 Redundant PWS

Optional Parts List

	Part Number	Qty	Description
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray
Front Bezel	CSE-PTFB-813LB (black)	-	Front Bezel Cover with Key Lock & Filter, Black, Beige, LCD options
Front Tray	CSE-PT40 (B)	-	Front USB and COM tray (Occupies Slim Floppy Drive Location)
Heatsink / Retention	N/A	-	Please refer to our Thermal Components Matrix
LCD/OLED Solutions	N/A	-	Please reference the LCD/OLED Display Solutions for details
Mounting Rail	MCP-290-00056-0N	-	19" to 26.4" outer rail, /quick, for 1U 17.2" W chassis
Peripheral Drive(s)	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
Peripheral Drive(s)	MCP-220-81502-0N	-	Slim SATA DVD kit (include backplane, cable)
Tray(s)	MCP-290-00036-0B	-	Black DVD dummy tray, supports 1x 2.5" slim HDD (9.6mm thick)

Motherboard (for CSE- 815TQC-R706WB2)

X11DDW-L

X11DDW-NT

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU

Servers (for CSE- 815TQC-R706WB2)

6019P-WTR