

SuperChassis 815TQC-R706CB



Key Features

1. 1U Chassis for motherboard support size: (12" x 13")
2. 4 x 3.5" hot-swap SAS/SATA
SAS or enterprise SATA HDD only recommended
3. 1U 4-Port 12Gbps Backplane Support 4x3.5
4. 1U Redundant 700/750W Single Output Power Supply Platinum level, 54.5mm width
5. 1 full-height & full-length expansion slot(s)
6. 4 x 40x56mm counter-rotation PWM fan(s)

Specifications

Product SKUs

- CSE-815TQC-R706CB**
 - SuperChassis 815TQC-R706CB

Form Factor

- 1U chassis support for motherboard size 12" x 13"

Processor Support

- Dual and Single 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

- 1x Full-height, Full-length expansion slot(s)

Drive Bays

- 4x 3.5" hot-swap SAS/SATA drive bay
- SAS or enterprise SATA HDD only recommended

Backplane

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

Peripheral Drives

- Optional 1x slim DVD-ROM drive bay

Front Panel

- Button**
 - Power On/Off button
 - System Reset button
- LED**
 - Power status LED
 - HDD activity LED
 - 2 Network Activity LEDs
 - Unit Identification (UID) LED
 - Fan Fail/System Over Heat LED

Systems Cooling

- Fans**
 - 4x 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**
 - 750W with Input 200 - 240Vac
 - 700W with Input 100 - 140Vac
- 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: 62A / Min: 0.5A (200Vac - 240Vac)
 - Max: 58A / Min: 0.5A (100Vac - 140Vac)
- +5Vsb**
 - Max: 3A / Min: 0A
- Power Distributor**
 - PDB-PT112-2424
 - O/P: 12V/54
 - +5V Max: 25A
 - +3.3V Max: 25A
 - 12V Max: 0.6A

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-0071L	1	ROUND 16 TO 16 PIN RIBBON FP CABLE 30"L, LF
Cable(s)	CBL-PWCD-0160-IS	2	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH
Part(s)	MCP-120-00031-0N	1	Riser card bracket for SC812,813,813M,815,111,113,113M
Part(s)	MCP-230-00036-0N	1	Top cover with 1 mylar for SC815 (cost-down)
Part(s)	MCP-270-81504-0N	1	Chassis base for SC815T, C version, Redundant PWS(cost-down)
Part(s)	MCP-290-00088-0N	1	SC119 Intrusion assembly
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-FP813-D	1	Front control board dual color for SC815,SC813M (C)
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-swap 3.5" HDD tray
Power Distributor	PDB-PT112-2424	1	SC112 24PIN REDUNDANT PWS DISTRIBUTOR
Part(s)	MCP-260-00024-0N	1	1U I/O shield for X8 server MB (3rd LAN + 4xLAN)
Part(s)	MCP-260-00078-0N	1	1U I/O shield for X10 and X9 Server MB with 5X5mm vent hole and EMI Gasket,RoHS/REACH,PBF
Power Supply & Accessory	MCP-250-81502-0N	1	SC815 Redundant Power Distributor Cover
Power Supply & Accessory	PWS-706P-1R	2	1U 750W redundant power width 54.5mm(Platinum),HF,RoHS/REACH,PBF
Mounting Rail(s)	MCP-290-00054-0N	1set	Rail set, quick/quick, optional for 1U 17.2
Rear Window	MCP-240-00086-0N	1	STD rear window for SC113 redundant PWS

Optional Parts List

	Part Number	Qty	Description
Adaptor HDD carrier	MCP-220-00043-0N • eStore	-	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 • eStore	-	19" to 26.4" outer rail, /quick, for 1U 17.2" W chassis
Peripheral Drive(s)	MCP-220-81502-0N • eStore	-	Slim SATA DVD kit (include backplane, cable)
	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
Tray(s)	MCP-290-00036-0B	-	Black DVD dummy tray, supports 1x 2.5" slim HDD (9.6mm thick)

