

SuperChassis 813MFTQC-R407CB



Key Features

1. 1U chassis, support motherboard size ATX 12" x 10" and Micro ATX 9.6" x 9.6".
 2. 4 x 3.5" hot-swap SAS/SATA
 3. 1U 4-Port 12Gbps Backplane Support 4x3.5
 4. 1U 400W Redundant Power Supply Platinum with PMBUS, W54.5xL220xH40mm
 5. 1 full height expansion slot(s)
 6. 4 x 40x28mm PWM fan(s)
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▶ [Chassis Manual](#)
▶ [Optimization](#)

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

Specifications

Product SKUs

- CSE-813MFTQC-R407CB
- SuperChassis 813MFTQC-R407CB

Form Factor

- 1U chassis, support motherboard size ATX 12" x 10" and Micro ATX 9.6" x 9.6".

Processor Support

- Dual and Single Intel® and AMD processors

Dimensions

Height ■ 1.7" (43 mm)

Width ■ 17.2" (437 mm)

Depth ■ 19.85" (503 mm)

Gross Weight ■ 33.5 lbs (15.2 kg)

Packaging (W x H x L) ■ 23.4" (594 mm) x 8.5" (216 mm) x 29.7" (754 mm)

Available Color ■ Black

Expansion Slots

- 1 full height expansion slot(s)

Drive Bays

- 4 x 3.5" hot-sw ap SAS/SATA

Backplane

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

Peripheral Drives

- Optional 1 x Slim DVD-ROM Drive
- Optional 1 x USB + COM port tray

Front Panel

Buttons ■ Power On/Off button
■ System Reset Button

LEDs ■ 2 Network Activity LEDs
■ HDD activity LED
■ Power Status LED
■ System Information LED

Systems Cooling

Fans ■ 4 x 40x28mm 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 400W Redundant Power Supply Platinum with PMBUS, W54.5xL220xH40mm

Power Efficiency ■ 94%

Total Output Power and Input ■ 400W with Input 100 - 240Vac
■ 400W with Input 200 - 240Vdc

AC Input Frequency ■ 50-60Hz

Dimensions (L x W x H) ■ 220 x 54.5 x 40.25 mm

Output Type ■ Backplanes (gold finger)

+12V ■ Max: 33A (100Vac - 240Vac)

+5Vsb ■ Max: 3A / Min: 0A

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
HD Backplane	BNP-SAS3-815TQ	1	1U 4-Port 12Gbps Backplane Support 4x3.5
Cable(S)	CBL-0071L	1	CBL,FRONT CNTL,16 TO 16 PIN,RA,RND TUBE,75CM,28AWG
Cable(S)	CBL-PWCD-0160-IS	2	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,13A,125V,RoHS/REACH
CD-ROM & Accessory	CSE-PT93L-B	1	Black DVD dummy cover for SC813, 813M, 815, PBF-RoHS
Fan(s)	FAN-0154L4	4	40x40x28 mm, 22.5K RPM, SC813MF Middle Cooling Fan,RoHS/REACH
Front Panel	FPB-FP813-D	1	Front control board dual color for SC815,SC813M (C)
Cooling Fan & Accessory	MCP-320-00031-0B	1	Fan tray for six 40x28 fans(SC813M/113M)
Drive Tray(s)	MCP-220-00075-0B	4	Black gen 5.5 hot-sw ap 3.5"; HDD tray
Power Distributor	PDB-PT813M-2424	1	Power Distributor With 24pin for SC813M
Part(s)	MCP-340-00001-01	2	Dummy fan 40x28mm
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	PWS-407P-1R	2	AC and DC 240V Input, 400W, Platinum Level, Redundancy power supply meet PMBus Revision 1.2 requirement,RoHS/REACH
Power Supply & Accessory	MCP-250-00016-0V	1	Redundant Silver plastic PDB cover for SC813M,113M
Mounting Rail(s)	MCP-290-00102-0N	1set	Outer rail, quick-release type, 25.6" to 33.05"
Mounting Rail(s)	MCP-290-00108-0N	1set	Inner rail, front, short, quick-release type
Mounting Rail(s)	MCP-290-00110-0N	1set	Inner rail, extension (quick) 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
Front USB	MCP-220-00114-0N	-	Black 2x USB3.0/COM port tray in slim DVD bay,RoHS/REACH
Front USB	MCP-220-00129-0B	-	Black 2x USB3.0/COM port tray in slim FDD bay
Mounting Rail	CSE-PT52L	-	Silver chassis rail set for SC813M,515,113M
Front Bezel	CSE-PTFB-813LB	-	BLACK SC813 FRONT BEZEL, PB FREE
Peripheral Drive(s)	MCP-220-00110-0B	-	Black USB/COM port tray in slim DVD bay,RoHS/REACH,PBF

Motherboard (for CSE- 813MFTQC-R407CB)

<u>X10SRM-TF</u>	<u>X10SRM-F</u>	<u>X11SP-TF</u>	<u>X11SSH-GTF-1585</u>
<u>X11SSH-GF-1585</u>	● <u>X11SSH-GTF-1585L</u>	● <u>X11SSH-GF-1585L</u>	<u>X11SPL-F</u>
<u>X11SPM-TF</u>	<u>X11SPM-TPF</u>	<u>X11SPM-F</u>	<u>X11SRM-F</u>
<u>X11SRM-VE</u>	<u>H11SSL-NC</u>	<u>H11SSL-C</u>	<u>H11SSL-i</u>

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU

Servers (for CSE- 813MFTQC-R407CB)

5019P-MTR

5018D-MHR7N4P

