

SuperChassis 813MFTQC-R407CB



Key Features

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

Specifications

Product SKUs

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

1x Full-height expansion slot(s)

Drive Bays

4x 3.5" hot-swap SAS/SATA drive bay

Backplane

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

Peripheral Drives

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

Front Panel

Button

Power On/Off button
System Reset button

LED

Power status LED
HDD activity LED
System Information LED
2 Network Activity LEDs

Systems Cooling

Fans

4x 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 200 - 240Vdc
400W with Input 100 - 240Vac

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 / Min: 0A (100Vac - 240Vac)

+5Vsb

Max: 3A / Min: 0A

Power Distributor

PDB-PT813M-2424

O/P: 120/62

+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

HD Backplane

Part Number	BPN-SAS3-815TQ
Qty	1
Description	1U 4-Port 12Gbps Backplane Support 4x3.5

Cable(s)

Part Number	CBL-0071L
Qty	1
Description	ROUND 16 TO 16 PIN RIBBON FP CABLE 30"L, LF

Cable(s)

Part Number	CBL-PWCD-0160-IS
Qty	2
Description	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH

Part(s)

Part Number	MCP-120-00058-0N
Qty	1
Description	Blank FH L-bracket (2x2 square hole)

Part(s)

Part Number	MCP-120-00078-0N
Qty	1
Description	Optional shorter 1U riser card bracket for X9DRL-7F/EF and beyond

Part(s)

Part Number	MCP-230-81303-0N
Qty	1

Description Top cover for SC813M (redundant power)

Part(s)

Part Number MCP-270-81303-0N

Qty 1

Description Chassis base for SC813M, Redundant PWS

Part(s)

Part Number MCP-290-00088-0N

Qty 1

Description SC119 Intrusion assembly

CD-ROM & Accessory

Part Number CSE-PT93L-B

Qty 1

Description Black DVD dummy cover for SC813, 813M, 815, PBF-RoHS

Fan(s)

Part Number FAN-0154L4

Qty 4

Description 40x40x28 mm, 22.5K RPM, SC813MF Middle Cooling Fan,RoHS/REACH

Front Panel

Part Number FPB-FP813-D

Qty 1

Description Front control board dual color for SC815,SC813M (C)

Cooling Fan & Accessory

Part Number MCP-320-00031-0B

Qty 1

Description Fan tray for six 40x28 fans(SC813M/113M)

Drive Tray(s)

Part Number MCP-220-00075-0B

Qty 4

Description Black gen 5.5 hot-swap 3.5" HDD tray

Power Distributor

Part Number PDB-PT813M-2424

Qty 1

Description Power Distributor With 24pin for SC813M

Part(s)

Part Number MCP-340-00001-01

Qty 2

Description Dummy fan 40x28mm

Part(s)

Part Number MCP-260-00078-0N

Qty 1

Description 1U I/O shield for X10 and X9 Server MB with 5X5mm vent hole and EMI Gasket,RoHS/REACH,PBF

Power Supply & Accessory

Part Number MCP-250-00016-0V

Qty 1

Description Redundant Silver plastic PDB cover for SC813M,113M

Power Supply & Accessory

Part Number PWS-407P-1R

Qty 2

Description AC and DC 240V Input, 400W, Platinum Level, Redundancy power supply meet PMBus Revision 1.2 requirement,RoHS/REACH

Mounting Rail(s)

Part Number MCP-290-00102-0N

Qty 1set

Description Outer rail, quick-release type, 25.6

Mounting Rail(s)

Part Number MCP-290-00108-0N

Qty 1set

Description Inner rail, front, short, quick-release type

Mounting Rail(s)

Part Number MCP-290-00110-0N

Qty 1set

Description Inner rail, extension (quick) for 1U 17.2

Rear Window

Part Number	MCP-240-00086-0N
Qty	1
Description	STD rear window for SC113 redundant PWS

Optional Parts


Front Bezel

Part Number	CSE-PTFB-813LB
Qty	-
Description	BLACK SC813 FRONT BEZEL, PB FREE

Front USB

Part Number	MCP-220-00114-0N	MCP-220-00129-0B
Qty	-	-
Description	Black 2x USB3.0/COM port tray in slim DVD bay,RoHS/REACH	Black 2x USB3.0/COM port tray in slim FDD bay

Mounting Rail

Part Number	CSE-PT52L 
Qty	-
Description	Sliver chassis rail set for SC813M,515,113M


Peripheral Drive(s)

Part Number	MCP-220-00110-0B
Qty	-
Description	Black USB/COM port tray in slim DVD bay,RoHS/REACH,PBF

Motherboard (for CSE-813MFTQC-R407CB)

Motherboard Name

H11SSL-NC H11SSL-i H11SSL-C X11SPL-F X11SCL-F X11SCH-LN4F X11SCH-F X12SCZ-TLN4F X12SCZ-QF X12SCZ-F X11SSH-GTF-1585L X11SSH-GTF-1585 X11SSH-GF-1585L
X11SSH-GF-1585 X11SPM-TPF X11SPM-TF X11SPM-F X11SPI-TF X11SCM-LN8F X11SCM-F X11SCL-LN4F X10SRM-TF X10SRM-F

 = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU
