

SuperChassis 813MF2TQC-R804CB



Key Features

1. 1U chassis, support motherboard sizes: ATX 12" x 10" and Micro ATX 9.6" x 9.6"
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. 800W 1U redundant power supply
5. 1 full height expansion slot(s)
6. 4 x 40x28mm PWM fan(s)
Optional 2 x fans for AOC cooling

Specifications

Product SKUs

- CSE-813MF2TQC-R804CB
 - SuperChassis 813MF2TQC-R804CB

Form Factor

- 1U chassis, support motherboard sizes: 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	19.98" (507 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
- SAS or enterprise SATA HDD only recommended

Backplane

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

Peripheral Drives

- 1x slim DVD-ROM drive bay
- 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
 - Optional 2x fans for AOC cooling
 - 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

800W 1U redundant power supply

Power Efficiency	94%
Total Output Power and Input	800W with Input 230 - 240Vdc 800W with Input 200 - 240Vac 750W with Input 100 - 127Vac
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: 62.5A / Min: 0.5A (100Vac - 127Vac) - Max: 66.6A / Min: 0.5A (230Vdc - 240Vdc) - Max: 66.6A / Min: 0.5A (200Vac - 240Vac)
+5Vsb	Max: 4A / 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
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Regulatory (Power Supply)

Power Supply Safety / EMC	- BSMI - CCC - CE/EMC - UL/CB
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Components

Standard Parts List

	Part Number	Qty	Description
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-120-00058-0N	1	Blank FH L-bracket (2x2 square hole)
Part(s)	MCP-120-00078-0N	1	Optional shorter 1U riser card bracket for X9DRL-7F/EF and beyond
Part(s)	MCP-230-81304-0N	1	Top cover for SC813M, extend (19.98";), Redundant PWS
Part(s)	MCP-270-81307-0N	1	Chassis base for SC813M, extend (19.98"), Redundant PWS
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-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-320-00060-0N	1	Slim Fan tray for six 40x28 fans in SC813M (for X11DPL-i 12"x10.15")
Drive Tray(s)	MCP-220-00075-0B	4	Black gen 5.5 hot-swap 3.5" HDD tray
Power Distributor	PDB-PT813M-S2424	1	Power distributor with shorter 24pin for SC813M chassis
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	MCP-250-00016-0V	1	Redundant Silver plastic PDB cover for SC813M,113M
Power Supply & Accessory	PWS-804P-1R	2	1U 800W 100-240VAC/50-60Hz, and DC240V input
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
Adaptor HDD carrier	MCP-220-00043-0N • eStore	-	Black hotswap gen 4 3.5 to 2.5 HDD tray
Air Shroud	MCP-310-18009-0N	-	813M/113M/811/111/512 UP X8STi .X7 mylar air shroud, 12x9.6MB
	MCP-310-18003-0N	-	SC813M/113M/512F/811 Intel DP X8.X7 mylar air shroud 12x10MB
	MCP-310-19009-0N	-	SC811, SC111, SC813M, SC113M, SC512F-280/350/410/520/600, SC513L-410/420, DP X9DBL ,X9 Mylar Air Shroud, 12"x10" MB
Front Bezel	CSE-PTFB-813LB	-	BLACK SC813 FRONT BEZEL, PB FREE
IO shield	MCP-260-00024-0N	-	1U I/O shield for X8 server MB (3rd LAN + 4xLAN)
Mounting Rail	MCP-290-00056-0N • eStore	-	Short outer rail, /quick, optional for 1U 17.2
	MCP-290-00052-0N-BULK • eStore	-	Outer rail, /quick, optional for 1U 17.2
Peripheral Drive(s)	MCP-220-00110-0B	-	Black USB/COM port tray in slim DVD bay,RoHS/REACH,PBF
Riser Card Bracket	MCP-120-00031-0N	-	Riser card bracket for SC812,813,813M,815,111,113,113M

Motherboard (for CSE-813MF2TQC-R804CB)

X11DPL-I

● = Most optimized Chassis for SuperServer Configuration
 Blue color = Compatible
 Green color = Global SKU & Compatible
 Red dot & green color = Optimized + Global SKU