SuperChassis 113MTQ-R400CB

Key Features

1. 400W Redundant power supplies
2. 8x 2.5" Hot-swap SAS2 (6Gb/s) / SATA Drive Bays
3. 1x Full-height AOC expansion slot
4. 4x 40x28mm high-efficiency fans (2 more optional, 6x fans maximum)
5. Slim DVD/CD-ROM Drive (opt.)
6. Applications: data center, appliance server, space critical application, industrial PC

Available Color

Black

Downloads

Chassis Manual

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

Specifications

Product SKUs

CSE-113MTQ-R40CB	▪ SuperChassis 113MTQ-R400CB (Black)

Form Factor

19.98" Depth 1U Rackmount Chassis - support M-ATX (9.6" x 9.6") and ATX (12" x 10") motherboard

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height	▪ 1.7" (43mm)
Width	▪ 17.2" (437mm)
Depth	▪ 19.98" (508mm)
Packaging	▪ 24" (W) x 8.5" (H) x 30" (L)
Weight	▪ Net Weight: 21 lbs (9.5kg) ▪ Gross Weight: 33 lbs (15kg)
Available Color	▪ Black

Expansion Slots

▪ 1x Full-height AOC expansion slot

Drive Bays

Hot-swap	▪ 8x 2.5" Hot-swap SAS2 (6Gb/s) / SATA HDD trays SAS or enterprise SATA HDD only recommended

SAS / SATA Backplane

1x 1U SAS / SATA backplane

Peripheral Drives

DVD-ROM	▪ Slim DVD-ROM drive or Front USB

Front Panel

Buttons	▪ Power On/Off button ▪ System Reset button ▪ UID button
LEDs	▪ Power status LED ▪ HDD activity LED ▪ 2x Network activity LEDs ▪ Universal Information (UID) LED

Motherboard(s) for CSE-113MTQ-R400CB

X10SL7-F	X10SLH-F
X10SLL+-F	X10SLL-F
X10SLM+-F	X10SLM+-LN4F
X10SLM-F	X11SSH-F
X11SSH-LN4F	X9DBL-3
X9DBL-3F	X9DBL-i
X9DBL-iF	X9SCI-LN4
X9SCL	X9SCL+-F
X9SCL-F	X9SCM
X9SCM-F	X9SCM-IIF
X9SRH-7F	X9SRH-7TF
X9SRi	X9SRi-3F
X9SRi-F	

System Cooling

Fans	▪ 4x 40x28mm high-efficiency PWM fans ▪ 2x additional fans optional; 6x fans total maximum

Operating Environment (System)

Operating Temperature Range	▪ 5°C ~ 35°C (41°F ~ 95°F)
Non-Operating Temperature Range	▪ -40°C ~ 60°C (-40°F ~ 140°F)
Operating Relative Humidity Range	▪ 8% ~ 90% (non-condensing)
Non-Operating Relative Humidity Range	▪ 5% - 95% (non-condensing)

Power Supply

400W (1+1) Redundant SuperCompact Short-depth AC-DC Gold-level power supply with PMBus and I2C

AC Input	▪ 400W: 100-240 V, 50-60 Hz, 6-3 Amp
DC Output +5V standby	▪ 3 Amp
DC Output +12V	▪ 33 Amp
With Power Distributor	▪ +5V: 25 Amp ▪ +3.3V: 25 Amp ▪ -12V: 0.6 Amp

Regulatory (Power Supply)

Power Supply Safety / EMC	▪ USA - UL listed, FCC ▪ Canada - CUL listed ▪ EN 60950/IEC 60950-Compliant ▪ Europe/CE Mark ▪ Taiwan - BSMI

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-113MTQ-R400CB	1	Black 1U standard SC113MTQ chassis w/ Redundant 400W
Backplane	BPN-SAS-113TQ	1	Sup 8x2.5" Hot-swap SAS/SATA hdd; SATA con
Cable 1	CBL-0206L	2	48CM SATA ROUND S-S PBF. 26AWG
Cable 2	CBL-0227L	2	48CM SATA ROUND S-RA PBF.26AWG
Cable 3	CBL-0157L	2	8 pin to 8 pin ribbon SGPIO cable with tube , 40cm, PBF
Power Supply	PWS-406P-1R	2	1U 400W Redundant Short Depth Power Supply
Power Distributor	PDB-PT813M-2424	1	Power Distributor With 24pin for SC813M
Cable 4	CBL-0335L	1	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,73CM,PBF. 28AWG
Peripheral Drive 1	MCP-290-00036-0B	1	Black DVD dummy tray support 1x2.5 HDD for SC113,815,825,836
Fan 1	FAN-0065L4	4	4028mm 13K RPM 4-PIN PWM FAN for SC813MF, SC113M
Front Panel	FPB-FP112	1	Front control board for SC113,113M (U/C share
Fan Holder	MCP-320-00031-0B	1	Fan tray for six 40x28 fans(SC813M/113M)
Drive Tray(s)	MCP-220-00047-0B	8	Black gen 3rd hot-swap 2.5inch HDD tray
Mounting Rails	MCP-290-00102-0N	1	Outer rail, quick-release type, 25.6
Mounting Rails	MCP-290-00110-0N	1	Inner rail, extension (quick) for 1U 17.2
Mounting Rails	MCP-290-00107-0N	1	Inner rail, front, short, screw type
Rear Window	MCP-240-00086-0N	1	STD rear window for SC113 redundant PWS

Note: For RMA replacement of mounting rails, please order CSE-PT52L, the complete rail set.

Optional Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-00026-01	-	Air shroud for H8 DP motherboards
	MCP-310-18003-0N	-	Air shroud for X8 DP ATX motherboards
	MCP-310-18009-0N	-	813M/113M/811/512 UP X8STi .X7 mylar air shroud, 12x9.6MB
Mounting Rails	MCP-290-00056-0N	-	19" to 26.4" outer rail, /quick, for 1U 17.2" W chassis
	MCP-290-00052-0N-BULK	-	25.6" to 33.05" outer rail, /quick, for 1U 17.2" W chassis (10 sets/pack)
Tray	MCP-220-00087-0B	-	Black USB tray for slim DVD bay

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