

SuperChassis 113MFAC2-R606CB



► [**Chassis Manual**](#)
► [**Optimization**](#)

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

Key Features

1. 1U Chassis, support motherboard size: ATX 12" x 10"
 2. 8 x 2.5" hot-swap SAS/SATA drive bay
 3. 8-port 1U SAS3 12Gbps Hybrid backplane, support up to 6x 2.5-inch SAS3/SATA3 HDD/SSD and 2x SAS3/SATA3/NVMe Storage Devices
 4. 1U 600W Redundant Single Output Power Supply w/PMBus, short depth, W54.5xL220xH40
 5. 1 full height expansion slot(s)
 6. 4 x 40x28mm PWM fan(s)
 7. Optional 2 x fans for AOC cooling
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Specifications

Product SKUs

- CSE-113MFAC2-R606CB
 - SuperChassis 113MFAC2-R606CB

Form Factor

- 1U Chassis, support motherboard size: ATX 12" x 10"

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
 - 30 lbs (13.61 kg)
- Packaging (W x H x L)
 - 24" (610 mm) x 8.3" (211 mm) x 30" (762 mm)
- Available Color
 - Black

Expansion Slots

- 1 full height expansion slot(s)

Drive Bays

- 8 x 2.5" hot-sw ap SAS/SATA drive bay

Backplane

- 8-port 1U SAS3 12Gbps Hybrid backplane, support up to 6x 2.5-inch SAS3/SATA3 HDD/SSD and 2x SAS3/SATA3/NVMe Storage Devices

Peripheral Drives

- Optional 1 x slim DVD-ROM drive bay

Front Panel

- Buttons
 - Power On/Off button
 - System Reset Button
- LEDs
 - 2 Network Activity LEDs
 - HDD activity LED
 - Power Status LED
 - Unit Identification (UID) LED

Systems Cooling

- Fans
 - 4 x 40x28mm PWM fan(s)
 - Optional 2 x fans for AOC cooling

System Monitoring

- Chassis intrusion switch

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 600W Redundant Single Output Power Supply w /PMBus, short depth, W54.5xL220xH40

- Power Efficiency
 - 94%
- Total Output Power and Input
 - 600W 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: NAA
- +12V
 - Max: 50A / Min: 0.5A (100Vac - 240Vac)
- +5Vsb
 - Max: 3A / Min: 0A
- +12Vsb
 - Max: NAA
- Power Distributor
 - PDB-PT813M-2424
 - O/P: 120/62
 - +5V Max: 25
 - +3.3V Max: 25
 - 12V Max: 0.6

- Certification
 -  Platinum Certified

Regulatory (Power Supply)

- Power Supply Safety / EMC
 - BSMI
 - CCC
 - CE/EMC
 - FCC class A
 - TUV/CB
 - UL/CUL

Components

Standard Parts List

	Part Number	Qty	Description
HD Backplane	BPB-SAS3-113A-N2	1	8-port 1U SAS3 12Gbps Hybrid backplane, support up to 6x 2.5-inch SAS3/SATA3 HDD/SSD and 2x SAS3/SATA3/NVMe Storage Devices
Cable(S)	CBL-0335L	1	CBL,FRONT CNTL,20 TO 20 PIN,RA,RND TUBE,73CM,28AWG
Cable(S)	CBL-PWCD-0160-IS	2	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,13A,125V,RoHS/REACH
CD-ROM & Accessory	MCP-290-00036-0B	1	Black DVD dummy tray support 1x2.5 HDD for SC113,815,825,836
Fan(s)	FAN-0154L4	4	40x40x28 mm, 22.5K RPM, SC813MF Middle Cooling Fan,RoHS/REACH
Front Panel	FPB-FP112	1	Front control board for SC113,113M (U/C share)
Cooling Fan & Accessory	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-sw ap 2.5inch 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
Part(s)	MCP-290-00037-0N	1	SC113 Control panel module (w/o DVD)
Power Supply & Accessory	MCP-250-00016-0V	1	Redundant Silver plastic PDB cover for SC813M,113M
Power Supply & Accessory	PWS-606P-1R	2	1U 600W Redundant Short Depth High Efficiency Power Supply
Mounting Rail(s)	MCP-290-00102-0N	1	Outer rail, quick-release type, 25.6" to 33.05"
Mounting Rail(s)	MCP-290-00107-0N	1	Inner rail, front, short, screw type
Mounting Rail(s)	MCP-290-00110-0N	1	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
Air Shroud	MCP-310-19007-0N	-	SC811/SC512L/SC512F/SC813M/SC113M/SC513L-410B/SC513L-420B/SC513F, UP X9SRE/I, X9 Mylar Air Shroud, 12"x9.6" MB
Air Shroud	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
Air Shroud	MCP-310-19015-0N	-	SC813M,SC113M, DP X9DRL-EF/ X9DRL-7F/ X10DRL-i, X9/X10 mylar air shroud, 12"x10" MB,RoHS/REACH
2.5" HDD Bracket	MCP-290-00036-0B	-	Black DVD dummy tray support 1x2.5 HDD for SC113,815,825,836
Tray(s)	MCP-220-00087-0B	-	Black USB tray for slim DVD bay

Motherboard (for CSE- 113MFAC2-R606CB)

X10SRH-CF

X10DRL-C

X11SSL-F

X11SSM-F

X10SRM-TF

● X11SSH-GTF-1585L

X10SRH-CLN4F

X11SSH-F

X11SSL-CF

● X11SSM

X10SRM-F

● X11SSH-GF-1585L

X10DRL-CT

X11SSH-LN4F

X11SSL-nF

X11SSH-CTF

X11SSH-GTF-1585

X10DRL-iT

X11SSI-LN4F

X11SSL

X11SSH-TF

X11SSH-GF-1585