

SuperChassis 113MFAC2-605CB



▶ [**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 for motherboard support 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 platinum efficiency multiple output power supply w/PMBus
 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-113MFAC2-605CB
- SuperChassis 113MFAC2-605CB

Form Factor

- 1U Chassis for motherboard support 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** 29.5 lbs (13.38 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

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 platinum efficiency multiple output power supply w /PMBus

- **Power Efficiency** 92%
- **Total Output Power and Input** 600W with Input 100 - 240Vac
- **AC Input Frequency** 50-60Hz
- **Dimensions (L x W x H)** 279.4 x 76 x 40.4 mm
- **Output Type** 24pin ATX
- **-12V** Max: 0.5A / Min: 0A
- **+12V** Max: 49A / Min: 0.5A (100Vac - 240Vac)
- **+5V** Max: 18A / Min: 0.5A
- **+3.3V** Max: 15A / Min: 0.5A
- **+5Vsb** Max: 3A / Min: 0A
- **+12Vsb** Max: NAA

Certification

-  **Platinum Certified**

Regulatory (Power Supply)

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

Components

Standard Parts List

	Part Number	Qty	Description
HD Backplane	BNP-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-0160L	1	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable(S)	CBL-0335L	1	CBL,FRONT CNTL,20 TO 20 PIN,RA,RND TUBE,73CM,28AWG
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
Part(s)	MCP-290-00037-0N	1	SC113 Control panel module (w/o DVD)
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-605P-1H	1	1U 600W Multi Output Power Supply PMbus
Mounting Rail(s)	MCP-290-00102-0N	1set	Outer rail, quick-release type, 25.6" to 33.05"
Mounting Rail(s)	MCP-290-00107-0N	1set	Inner rail, front, short, screw type
Mounting Rail(s)	MCP-290-00110-0N	1set	Inner rail, extension (quick) for 1U 17.2
Rear Window	MCP-240-00085-0N	1	STD rear window for SC113 single 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
Mounting Rail	CSE-PT52L	-	Sliver chassis rail set for SC813M,515,113M
Tray(s)	MCP-220-00087-0B	-	Black USB tray for slim DVD bay

Motherboard (for CSE- 113MFAC2-605CB)

X10SRH-CF

X10SRH-CLN4F

X10DRL-CT

X10DRL-iT

X10DRL-C

X11SSL-CF

X11SSL-nF

X10SRM-TF

X10SRM-F

X11DPL-i

X11SSH-GTF-1585

X11SSH-GF-1585

● X11SSH-GTF-1585L

● X11SSH-GF-1585L

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU

Servers (for CSE- 113MFAC2-605CB)