

SuperChassis 113AC2-605WB



▶ [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 Rackmount chassis, support for motherboard size: 12" x 13" E-ATX and 13.68" x 13"
 2. 8 x 2.5" hot-swap SAS3/SATA3 (2 NVMe Ports) drive bay
 3. SAS or enterprise SATA HDD only recommended
 4. 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
 5. 1U 600W platinum efficiency multiple output power supply w/PMBus
 6. 2 full height expansion slot(s) (Riser Card Required), 1 low-profile expansion slot(s) (Riser Card Required)
 7. 4 x 40x56mm counter-rotation PWM fan(s)
 8. Optional 2 x fan for PCI card cooling
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Specifications

Product SKUs

- **CSE-113AC2-605WB** ■ SuperChassis 113AC2-605WB

Form Factor

- 1U Rackmount chassis, support for motherboard size: 12" x 13" E-ATX and 13.68" x 13"

Processor Support

- Dual, single Intel® / AMD processors

Dimensions

- **Height** ■ 1.7" (43 mm)

- **Width** ■ 17.2" (437 mm)

- **Depth** ■ 23.5" (597 mm)

- **Gross Weight** ■ 35 lbs (15.88 kg)

- **Packaging (W x H x L)** ■ 23.5" (597 mm) x 8.5" (216 mm) x 33.7" (856 mm)

- **Available Color** ■ Black

Expansion Slots

- 2 full height expansion slot(s) (Riser Card Required)
- 1 low -profile expansion slot(s) (Riser Card Required)

Drive Bays

- 8 x 2.5" hot-sw ap SAS3/SATA3 (2 NVMe Ports) drive bay
- SAS or enterprise SATA HDD only recommended

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

- 1 x slim DVD-ROM drive bay
- Optional 1 x Slim DVD-ROM Drive

Front Panel

- **Buttons** ■ Power On/Off button
- System Reset Button
- Unit Identification (UID) button

- **LEDs** ■ 2 Network Activity LEDs
- HDD activity LED
- Power Status LED
- Unit Identification (UID) LED

Systems Cooling

- **Fans** ■ 4 x 40x56mm counter-rotation PWM fan(s)
- Optional 2 x fan for PCI card 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: N/A

- **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
Air Shroud	MCP-310-19001-0N	1	SC815/113/116 Intel DP X9, X8 PC air shroud,1368x13/12x13MB
HD Backplane	BPN-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-0156L4	4	40x40x56 mm 13K-11K RPM Counter-rotating Fan,RoHS/REACH
Front Panel	FPB-FP112	1	Front control board for SC113,113M (U/C share)
Cooling Fan & Accessory	CSE-PT0135	1	FAN HOLDER FOR SIX 40X56MM COUNTER ROTATING FANS
Cooling Fan & Accessory	MCP-340-00035-0B	2	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)
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-120-00030-0N	1	Blank LP L-bracket (1 row of capsule hole)
Part(s)	MCP-120-00053-0N	2	Blank FH L bracket w/o SCSI cutout for SC825,836,846,743
Power Supply & Accessory	PWS-605P-1H	1	1U 600W Multi Output Power Supply PMbus
Power Supply & Accessory	MCP-250-00008-0N	1	SC113 Single Power Distributor Cover
Mounting Rail(s)	MCP-290-00063-0N	1	Rail set, quick/quick, default for 1U 17.2"W for SC113/SC116,RoHS/REACH
Mounting Rail(s)	MCP-290-00102-0N	1 set	Outer rail, quick-release type, 25.6" to 33.05"
Mounting Rail(s)	MCP-290-00108-0N	1 set	Inner rail, front, short, quick-release type
Mounting Rail(s)	MCP-290-00112-0N	1 set	Inner rail, extension, long (quick) for 1U 17.2
Rear Window	MCP-240-00097-0N	1	WIO rear window for SC113,SC116, SC815 Single PWS

Optional Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-00026-01	-	Air shroud for H8 DP motherboards
Air Shroud	MCP-310-00033-01	-	Air shroud for X7, H8 UP motherboards
Mounting Rail	MCP-290-00052-0N-Bulk	-	25.6" to 33.05" outer rail, /quick, for 1U 17.2" W chassis (10 sets/pack)
Peripheral Drive(s)	DVM-PNSC-DVD-SBT3	-	Black PANASONIC SLIM DVD ROM SATA DRIVE
Peripheral Drive(s)	MCP-220-81502-0N	-	Slim SATA DVD kit for SC213,812S,813,815,816,818,819,825,836
Tray(s)	MCP-220-00087-0B	-	USB tray for 113 chassis
Adapter Cable	CDM-SATA	-	mini-SATA to SATA adapter for slim DVD
Peripheral Drive(s)	DVM-TEAC-DVD-SBT4	-	BLACK TEAC SLIM DVD ROM SATA DRIVE,HF,RoHS/REACH

Motherboard (for CSE- 113AC2-605WB)

X11DDW-L

X11DDW-NT

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU