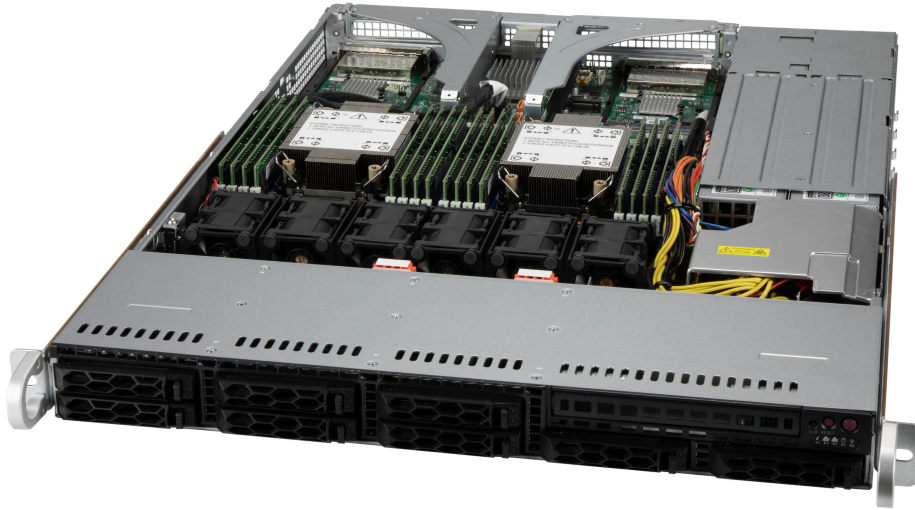


SuperChassis LB13AC2-R860AW



Key Features

1. SAS3 12Gb/s and NVMe support

1U Optimized for CloudDC motherboard with S-AIOM support, support MB size up to 12.3" x 13.4"

2. 8 x 2.5"(tool-less) hot-swap SAS3/SATA drive bay

3. SAS or enterprise SATA HDD only recommended

4. 1U SAS/SATA Backplane with SES2 support

5. 1U 860W Redundant power supply Platinum level, 24Pin output

6. 2x full-height & full-length expansion slot(s) 2x S-AIOM expansion slot(s)

7. 4 x 40x56mm counter-rotation PWM fan(s) by default, 2 x as optional

8. Support optional 1x Slim SATA DVD or 1x 2.5" HDD with DVD dummy tray kit

9. Support Service Tag for system information

Specifications

Product SKUs

- **CSE-LB13AC2-R860AW** ■ SuperChassis LB13AC2-R860AW

Form Factor

- 1U Optimized for CloudDC motherboard with S-AIOM support, support MB size up to 12.3" x 13.4"

Processor Support

- Dual and Single Intel® and AMD processors

Dimensions

- **Height** ■ 1.7" (43 mm)
- **Width** ■ 17.2" (437 mm)
- **Depth** ■ 23.5" (597 mm)
- **Gross Weight** ■ 40 lbs (18.14 kg)
- **Packaging (W x H x L)** ■ 23.7" (602 mm) x 7.7" (196 mm) x 31.8" (808 mm)
- **Available Color** ■ Black

Expansion Slots

- 2x Full-height expansion slot(s)
- 2x S-AIOM expansion slot(s)

Drive Bays

- 8x 2.5" hot-swap SAS3/SATA drive bay

Backplane

- 8-Port 1U SAS3 12Gbps Hybrid backplane, support up to 8x 2.5-inch SAS3/SATA3 HDD/SSD Storage Devices

Front Panel

- **Button** ■ Power On/Off button
■ Unit Identification (UID) button
- **LED** ■ Power status LED
■ HDD activity LED
■ 2 Network Activity LEDs
■ Unit Identification (UID) LED

Systems Cooling

- **Fans** ■ 4x 40x56mm counter-rotation 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/860W 1U redundant power supply

- **Power Efficiency** ■ 94+%
- **Total Output Power and Input** ■ 860W with Input 200 - 240Vac
■ 800W with Input 100 - 127Vac
■ 860W with Input 200 - 240Vdc
- **AC Input Frequency** ■ 50-60Hz
- **Dimensions (L x W x H)** ■ 322 x 54.5 x 40.25 mm
- **Output Type** ■ Backplanes (gold finger)
- **+12V** ■ Max: 71.6A / Min: 0A (200Vac - 240Vac)
■ Max: 66.6A / Min: 0A (100Vac - 127Vac)
- **+5Vsb** ■ Max: 4A / Min: 0A
- **Power Distributor** ■ PDB-PT116-SL8824
■ O/P: 12V/80
■ +5V Max: 25A
■ +3.3V Max: 25A
■ -12V Max: 0.6A

Certification



Platinum Certified

Regulatory (Power Supply)

- **Power Supply Safety / EMC** ■ BSMI
■ CCC
■ CE/EMC
■ UL/CB
■ UL/CUL

Components

Standard Parts List

	Part Number	Qty	Description
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 Storage Devices
Cable(s)	CBL-CDAT-0680-55	1	NCSI,2x10F to 2x10F, IDC, PH2.54, 55cm, shield, 28AWG, RoHS
Cable(s)	CBL-PWCD-0160-IS	2	PWCD, US, NEMA5-15P TO IEC60320 C13, 6FT, 16AWG, RoHS/REACH
Part(s)	MCP-120-00116-0N	2	Blank FH L-bracket with 4x4 vent holes
Part(s)	MCP-230-00060-0N	1	1U AWIO top cover with 1 mylar for CSE-LB13, LB16 AW
Part(s)	MCP-240-00175-0N	2	S-AIOM Dummy Cover for 1U chassis
Part(s)	MCP-240-00177-0N	2	S-AIOM metal cage for 1U chassis
Part(s)	MCP-240-00179-0N	1	1U X12 AWIO Riser card bracket (Left) for LA15, LB16, LB13 AW
Part(s)	MCP-240-00180-0N	1	1U X12 AWIO Riser card bracket (Right) for LA15, LB16, LB13 AW
Part(s)	MCP-290-00088-0N	1	SC119 Intrusion assembly
Part(s)	MCP-270-11304-0N	1	1U chassis base for CSE-LB13 AWIO, Redundant PWS
Fan(s)	FAN-0101L4	4	40x56, 4 Pin PWM, Primary for SC809, 111, Sec. for SC816, 819, 808
Front Panel	FPB-FP112	1	Front control board for SC113, 113M (U/C share)
Cooling Fan & Accessory	MCP-320-00056-0B	24	40X56 rubber fan pin for SC819U, SC119U, RoHS/REACH
Cooling Fan & Accessory	MCP-320-00066-0B	1	Fan holder with cable channel, 40X56mm fan, for LA15, LB16, LB13
Cooling Fan & Accessory	MCP-340-00035-0B	2	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)
Drive Tray(s)	MCP-220-00188-0B	8	Black gen-5.5 tool-less cost-effective 2.5" HDD tray (no dummy)
Power Distributor	PDB-PT116-SL8824	1	Based on PDB-PT116-L8824 to optimize 24Pin etc cable lengths
Part(s)	MCP-320-00067-0B	1	Chassis base Air Foam block set (L+R) for Cloud-DC
Part(s)	MCP-160-00028-0B	1	Mylar Cable Channel for Cloud-DC, X12 DDW
Power Supply & Accessory	MCP-250-00009-0N	1	SC113 Redundant Power Distributor Cover
Power Supply & Accessory	PWS-860P-1R2	2	1U 860W, Redundant power supply, 54.5mm width, Platinum with
Mounting Rail(s)	MCP-290-00063-0N	1set	Rail set, quick/quick, default for 1U 17.2"W for SC113/SC116, RoHS/REACH
Rear Window	MCP-240-00173-0N	1	1U X12 AWIO Rear window for LA15, LB16, LB13 Redundant PWS

Optional Parts List

	Part Number	Qty	Description
Cable	CBL-0179L • eStore	-	SATA CABLE 70CM FLAT STRAIGHT-STRAIGHT PBF
	CDM-SATA	-	mini-SATA to SATA adapter for slim DVD
Chassis parts	MCP-290-00088-0N	-	SC119 Intrusion assembly
DVD-ROM / DVD-RW	DVM-TEAC-DVD-SBT5	-	BLACK TEAC SLIM DVD SATA DRIVE, HF, RoHS
Front USB	MCP-220-00087-0B • eStore	-	Black USB tray for slim DVD bay
Rail	MCP-290-00063-0N • eStore	-	Rail set, quick/quick, default for 1U 17.2"W for SC113/SC116, RoHS/REACH
	MCP-290-00056-0N • eStore	-	Quick-release outer rail for square hole short-depth rack (19"~26.4")
	MCP-290-00102-0N	-	Outer rail, quick-release type, 25.6" to 33.05"

Motherboard (for CSE-LB13AC2-R860AW)

X12DDW-A6

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