

Key Features

- 1U Optimized for CloudDC motherboard with S-AIOM support, support MB size up to 12.3" x 13.4"
- 4 x 3.5"(tool-less) or 2.5"(screw) hot-swap SAS3/SATA drive bay
- SAS or enterprise SATA HDD only recommended
- 1U SAS/SATA Backplane with SES2 support
- 1U 860W Redundant power supply Platinum level, 24Pin output
- 2x full-height & full-length expansion slot(s) 2x S-AIOM expansion slot(s)
- 4 x 40x56mm counter-rotation PWM fan(s) by default, 2x as optional
- Support Service Tag for system information

Specifications

Product SKUs

SuperChassis LA15TQC-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

25.6" (650 mm)

Gross Weight

28 lbs (12.7 kg)

Packaging (W x H x L)

23.7" (602 mm) x 7.7" (196 mm) x 34.1" (866 mm)

Available Color

Black

Expansion Slots

2x Full-height expansion slot(s)

2x S-AIOM expansion slot(s)

Drive Bays

4x 3.5" (tool-less) or 2.5" (screw) hot-swap SAS3/SATA drive bay

SAS or enterprise SATA HDD only recommended

Backplane

4-Port 1U 12Gbps Backplane Support 4x3.5 SAS3/SATA3 HDD/SSD

Peripheral Drives

Optional 1x USB + COM port tray

Optional 1x 2.5" internal fixed drive bay

Front Panel

Button

Power On/Off button

System Reset button

Unit Identification (UID) button

LED

Power status LED

HDD activity LED

2 Network Activity LEDs

Unit Identification (UID) LED

Fan Fail/System Over Heat LED

Systems Cooling

Fans

4x 40x56mm counter-rotation PWM fan(s)

System Monitoring

Optional 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

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



(<http://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.aspx?id=69&type=1>)

Platinum Certified

Regulatory (Power Supply)

Power Supply Safety / EMC

BSMI

CCC

CE/EMC

UL/CB

UL/CUL

Components

Standard Parts List

HD Backplane

Part Number	BPN-SAS3-815TQ
Qty	1
Description	1U 4-Port 12Gbps Backplane Support 4x3.5

Cable(s)

Part Number	CBL-CDAT-0680-55
Qty	1
Description	NCSI,2x10F to 2x10F,IDC,PH2.54,55cm,shield,28AWG,R oHS

Cable(s)

Part Number	CBL-PWCD-0160-IS
Qty	2
Description	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH

Part(s)

Part Number	MCP-120-00116-0N
Qty	2
Description	Blank FH L-bracket with 4x4 vent holes

Part(s)

Part Number	MCP-220-81509-0N
Qty	2
Description	USB 3.0 + COM Port Dummy cover for LA15 (cost-effective)

Part(s)

Part Number	MCP-230-81502-0N
Qty	1
Description	1U AWIO top cover with 1 mylar for CSE- LA15 AW

Part(s)

Part Number	MCP-240-00175-0N
Qty	2
Description	S-AIOM Dummy Cover for 1U chassis

Part(s)

Part Number	MCP-240-00177-0N
Qty	2
Description	S-AIOM metal cage for 1U chassis

Part(s)

Part Number	MCP-240-00179-0N
Qty	1
Description	1U X12 AWIO Riser card bracket (Left) for LA15,LB16,LB13 AW

Part(s)

Part Number	MCP-240-00180-0N
Qty	1
Description	1U X12 AWIO Riser card bracket (Right) for LA15,LB16,LB13 AW

Part(s)

Part Number	MCP-290-00173-0N
Qty	1
Description	SC119 Intrusion assembly upgraded version (with 3rd mounting screw hole) (cable length: 47mm)

Part(s)

Part Number	MCP-270-81506-0N
Qty	1
Description	Chassis base for CSE-LA15,WIO, Redundant PWS

Fan(s)

Part Number	FAN-0101L4
Qty	4
Description	40x56,4 Pin PWM,Primary for SC809,111, Sec.for SC816,819,808

Front Panel

Part Number	FPB-FP815U
Qty	1
Description	815 UIO front control board (U)

Cooling Fan & Accessory

Part Number	MCP-320-00056-0B
Qty	24
Description	40X56 rubber fan pin for SC819U, SC119U,RoHS/REACH

Cooling Fan & Accessory

Part Number	MCP-320-00066-0B
Qty	1
Description	Fan holder with cable channel, 40X56mm fan, for LA15,LB16,LB13

Cooling Fan & Accessory

Part Number	MCP-340-00035-0B
Qty	2
Description	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)

Drive Tray(s)

Part Number	MCP-220-00184-0B
Qty	4
Description	Black gen-9 tool-less cost-effective 3.5

Power Distributor

Part Number	PDB-PT116-SL8824
Qty	1
Description	Based on PDB-PT116-L8824 to optimize 24Pin etc cable lengths

Part(s)

Part Number	MCP-320-00067-0B
Qty	1
Description	Chassis base Air Foam block set (L+R) for Cloud-DC

Part(s)

Part Number	MCP-160-00028-0B
Qty	1
Description	Mylar Cable Channel for Cloud-DC, X12 DDW

Power Supply & Accessory

Part Number	MCP-250-81502-0N
Qty	1
Description	SC815 Redundant Power Distributor Cover

Power Supply & Accessory

Part Number	PWS-860P-1R2
Qty	2
Description	1U 860W, Redundant power supply, 54.5mm width, Platinum with

Mounting Rail(s)

Part Number	MCP-290-00016-0N
Qty	1
Description	1U open rack bracket set for CSE-PT51L,MCP-290-00054-0N

Mounting Rail(s)

Part Number	MCP-290-00054-0N
Qty	1set
Description	Rail set, quick/quick, optional for 1U 17.2

Rear Window

Part Number	MCP-240-00173-0N
Qty	1
Description	1U X12 AWIO Rear window for LA15,LB16,LB13 Redundant PWS

Optional Parts**Air Shroud**

Part Number	MCP-310-81305-0B	MCP-310-19019-0B
Qty	-	-
Description	Mylar air shroud for 1U X11SPW-TF,RoHS	SC113/SC116/SC815/SC515, DP X11DDW Mylar air shroud

Chassis parts

Part Number	MCP-290-00088-0N
Qty	-
Description	SC119 Intrusion assembly


Hard Drive Carrier

Part Number	MCP-220-81511-0N
Qty	-
Description	FDD size Tray support 1x 2.5" HDD for LA15 (cost-effective)

Heatsink / Retention


Part Number	N/A
Qty	-
Description	Please refer to our Thermal Components Matrix

Rail

Part Number	MCP-290-00056-0N  Store (https://store.supermicro.com/1u-rail-kit-mcp-290-00056-0n.html)	MCP-290-00102-0N
Qty	-	-
Description	Short outer rail, /quick, optional for 1U 17.2	Outer rail, quick-release type, 25.6" to 33.05"

Motherboard (for CSE-LA15TQC-R860AW)**Motherboard Name**

▶ [X12DDW-A6](/en/products/motherboard/X12DDW-A6)  [\(/en/products/motherboard/X12DDW-A6\)](/en/products/motherboard/X12DDW-A6)

 = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU

Global SKU (/en/products/SMC_global_skus)