

SuperChassis 847BE1C4-R1K23LPB



▶ [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

- 4U Chassis for motherboard support size: (12" x 10") (13.68" x 13") (9.6" x 9.6")
- 36 x 3.5" hot-swap SAS/SATA drive bay with SES3, optional 2 x 2.5" hot-swap drive bay
- 12-Port 2U Backplane with Expander support up to 8 x 3.5" SAS3/SATA3 HDD/SDD and 4 x SAS3/SATA3/NVMe Storage Devices,HF,RoHS/REACH
- 24-port 4U SAS3 12Gbps single-expander backplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD
- 1U 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm
- 7 low-profile expansion slot(s)
- 7 x 80mm high-performance fan(s)

Specifications	
Product SKUs	
CSE-847BE1C4-R1K23LPB	■ SuperChassis 847BE1C4-R1K23LPB
Form Factor	
■ 4U Chassis for motherboard support size: (12" x 10") (13.68" x 13") (9.6" x 9.6")	
Processor Support	
■ Single and Dual Intel® and AMD processors	
Dimensions	
Height	■ 7" (178 mm)
Width	■ 17.2" (437 mm)
Depth	■ 27.5" (699 mm)
Gross Weight	■ 91 lbs (41.28 kg)
Packaging (W x H x L)	■ 27.2" (691 mm) x 17.4" (442 mm) x 39.6" (1006 mm)
Available Color	■ Black
Expansion Slots	
■ 7 low-profile expansion slot(s)	
Drive Bays	
■ 36 x 3.5" hot-swap SAS/SATA drive bay with SES3 ■ Optional 2 x 2.5" hot-swap drive bay	
Backplane	
■ 12-Port 2U Backplane with Expander support up to 8 x 3.5" SAS3/SATA3 HDD/SDD and 4 x SAS3/SATA3/NVMe Storage Devices,HF,RoHS/REACH ■ 24-port 4U SAS3 12Gbps single-expander backplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD	
Peripheral Drives	
■ Optional 2 x 3.5" internal fixed drive bay ■ Optional 4 x 2.5" internal fixed drive bay	
Front Panel	
Buttons	■ Power On/Off button ■ System Reset Button
LEDs	■ 2 Network Activity LEDs ■ Fan Fail/System Over Heat LED ■ HDD activity LED ■ Power Status LED ■ Unit Identification (UID) LED
Systems Cooling	
Fans	■ 7 x 80mm high-performance fan(s)
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 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm	
Power Efficiency	■ 96%
Total Output Power and Input	■ 1000W with Input 100 - 127Vac ■ 1200W with Input 200 - 240Vac ■ 1200W with Input 200 - 240Vdc
AC Input Frequency	■ 50-60Hz
Dimensions (L x W x H)	■ 336 x 76 x 40 mm
Output Type	■ Backplanes (gold finger)
+12V	■ Max: 83A (100Vac - 127Vac) ■ Max: 100A (200Vac - 240Vac) ■ Max: 100A (200 - 240)
+5Vsb	■ Max: 4A / Min: 0A
Power Distributor	■ PDB-PT847-8824 ■ O/P: 12V/135 ■ +5V Max: 100 ■ +3.3V Max: 30 ■ -12V Max: 0.6
Certification	■  Titanium Certified
Regulatory (Power Supply)	
Power Supply Safety / EMC	■ BSMI ■ CCC ■ CE/EMC ■ FCC class A ■ UL/CB ■ UL/CUL

Components

Standard Parts List

	Part Number	Qty	Description
HD Backplane	BPN-SAS3-826EL1-N4	1	12-Port 2U Backplane with Expander support up to 8 x 3.5" SAS3/SATA3 HDD/SDD and 4 x SAS3/SATA3/NVMe Storage Devices,HF,RoHS/REACH
HD Backplane	BPN-SAS3-846EL1	1	24-port 4U SAS3 12Gbps single-expander backplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD
Power Distributor	PDB-PT847-8824	1	24pin standard output with 5V high current 100Amp power distributor board for SC847
Power Supply & Accessory	PWS-1K23A-1R	2	AC-DC 1200W, Titanium Level, Redundancy, 1U, PMBUS 1.2, +12V/+5Vsb, 360x76x40 mm,HF,RoHS/REACH

Optional Parts List

	Part Number	Qty	Description
HDD Kit	MCP-220-82609-0N	-	Rear 2.5 x 2 Hot swap HDD kit for 216B/826B/417B/846X/847B
Drive Trays	MCP-220-00043-0N	-	Black hotswap gen 4 3.5 to 2.5 HDD tray
Drive Trays	MCP-220-84701-0N	-	SC847 internal drive tray for one 3.5
Cable	CBL-SAST-0531-01	-	Internal Mini-SAS HD to Mini-SAS HD 80cm,30AWG,12Gb/s [FCI],RoHS/REACH
Cable	CBL-SAST-0532	-	Internal Mini-SAS HD to Mini-SAS HD 50cm,30AWG,12Gb/s,HF,RoHS/REACH,PBF
Front Bezel	MCP-210-84601-0B	-	Black Front Bezel For SC846 Chassis
Rail	MCP-290-00058-0N	-	Short rail set, quick release, 19.6"~26.9" Extendable Length
Rail	MCP-290-00061-0N	-	Non-threaded rail adapter optional for round thread rack
HDD Kit	MCP-220-82616-0N	-	12G 2.5x2 Drive Kit w/ Status LED (216B/826B/417B/846X/847B

Motherboard (for CSE- 847BE1C4-R1K23LPB)

<u>X11SPH-nCTF</u>	<u>X11SPH-nCTPF</u>	<u>X11DPH-T</u>	<u>X11DPH-I</u>
<u>X11DPH-TQ</u>			

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

Servers (for CSE- 847BE1C4-R1K23LPB)

5049P-E1CTR36L