

SuperChassis 826BE1C4-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

1. 2U chassis support max. motherboard size - ATX 12" x 10", E-ATX 12" x 13", EE-ATX 13" x 13.68". Support up to ATX 12"x13" MB with rear 2.5" HDD option installed
 2. 12 x 3.5" hot-swap SAS/SATA drive bay with SES3, optional 2 x 2.5" hot-swap drive bay
 3. 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
 4. 1U 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm
 5. 7 low-profile expansion slot(s)
 6. 3 x 8cm high-performance PWM fan(s)
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Specifications

Product SKUs

- CSE-826BE1C4-R1K23LPB** ■ SuperChassis 826BE1C4-R1K23LPB

Form Factor

- 2U chassis support max. motherboard size - ATX 12" x 10", E-ATX 12" x 13", EE-ATX 13" x 13.68".
- Support up to ATX 12"x13" MB with rear 2.5" HDD option installed

Processor Support

- Dual and Single Intel® and AMD processors

Dimensions

- | | |
|------------------------------|--|
| Height | ■ 3.5" (89 mm) |
| Width | ■ 17.2" (437 mm) |
| Depth | ■ 25.5" (647 mm) |
| Gross Weight | ■ 55 lbs (24.95 kg) |
| Packaging (W x H x L) | ■ 26.7" (678 mm) x 11.4" (290 mm) x 34.5" (876 mm) |
| Available Color | ■ Black |

Expansion Slots

- 7 low-profile expansion slot(s)

Drive Bays

- 12 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

Front Panel

- | | |
|----------------|---|
| Buttons | <ul style="list-style-type: none"> ■ Power On/Off button ■ System Reset Button |
| LEDs | <ul style="list-style-type: none"> ■ 2 Network Activity LEDs ■ Fan Fail/System Over Heat LED ■ HDD activity LED ■ Power Status LED ■ Unit Identification (UID) LED |

Systems Cooling

- Fans** ■ 3 x 8cm high-performance PWM 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 | <ul style="list-style-type: none"> ■ 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 | <ul style="list-style-type: none"> ■ Max: 83A (100Vac - 127Vac) ■ Max: 100A (200Vac - 240Vac) ■ Max: 100A (200 - 240) |
| +5Vsb | ■ Max: 4A / Min: 0A |
| Power Distributor | <ul style="list-style-type: none"> ■ PDB-PT826-8824 ■ O/P: 12V/135 ■ +5V Max: 40 ■ +3.3V Max: 24 ■ -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
Air Shroud	MCP-310-29001-0N	1	SC825/826/216/213 Intel DP X9,X8 air shroud 13.68x13/12x13
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
Cable(S)	CBL-0160L	2	US POWER CORD 16AWG, PB FREE
Fan(s)	FAN-0158L4	3	80x80x38 mm, 10.5K RPM, Optional Middle Cooling Fan for X10 2U Ultra and HFT Series Servers,RoHS/REACH
Drive Tray(s)	MCP-220-00075-0B	12	Black gen 5.5 hot-swap 3.5" HDD tray
Power Distributor	PDB-PT826-8824	1	PDB with longer 24pin for SC826B
Power Supply & Accessory	PWS-1K23A-1R	2	AC-DC 1200W, Titanium Level, Redundancy, 1U, PMBUS 1.2, +12V/+5Vsb, 360x76x40 mm,HF,RoHS/REACH
Mounting Rail(s)	MCP-290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2";W
Rear Window	MCP-240-82608-0N	1	216B/826B LP rear window,RoHS/REACH,PBF

Optional Parts List

	Part Number	Qty	Description
HDD Kit	MCP-220-82609-0N	-	Rear 2 X 2.5" HDD kit for 826B series chassis (cables & backplane included)
Fan Kit	MCP-320-82603-0N	-	6cm fan cooling module for 826B/216B
Hard Drive Carrier	MCP-220-00043-0N	-	3.5" convert to 2.5" HDD Tray
Short Rail	MCP-290-00058-0N	-	Short rail set, quick release, 19.6"~26.9" Extendable Length
Front Bezel	MCP-210-82601-0B	-	Black Front Bezel for 826 chassis
HDD Kit	MCP-220-82616-0N	-	12G 2.5x2 Drive Kit w/ Status LED (216B/826B/417B/846X/847B
HDD Tray Converter	MCP-220-00118-0B	-	Black gen-5.5 tool-less 3.5-to-2.5 converter drive tray,RoHS/REACH

Motherboard (for CSE- 826BE1C4-R1K23LPB)

H11DSI-NT

X11DPH-T

X11DPH-I

X11DPH-TQ

H11DSi

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU

Servers (for CSE- 826BE1C4-R1K23LPB)

6029P-E1CR12H

6029P-E1CR12L

6029P-E1CR12T