

SuperChassis 826BAC4-R920LPB



▶ [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 drive bay, optional 2 x 2.5" hot-swap drive bay
 3. 8x SAS3 12Gbps and 4x Hybrid (NVMe/SAS3) 3.5" HDD
 4. 12-port 2U SAS3 12Gbps hybrid backplane, support up to 8x 3.5-inch SAS3/SATA3 HDD/SSD and 4x SAS3/SATA3/NVMe Storage Devices
 5. 1U 920W Redundant Platinum Super Quiet power supply W/PMbus
 6. 7 low-profile expansion slot(s)
 7. 3 x 8cm high-performance PWM fan(s)
 8. Optional 5 x 6cm 4pin high performance fan(s)
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Specifications

Product SKUs

- CSE-826BAC4-R920LPB** ■ SuperChassis 826BAC4-R920LPB

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)
- Net Weight** ■ 40 lbs (18.14 kg)
- 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-sw ap drive bay
- Optional 2 x 2.5" hot-sw ap drive bay
- 8x SAS3 12Gbps and 4x Hybrid (NVMe/SAS3) 3.5" HDD

Backplane

- 12-port 2U SAS3 12Gbps hybrid backplane, support up to 8x 3.5-inch SAS3/SATA3 HDD/SSD and 4x SAS3/SATA3/NVMe Storage Devices

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** ■ 3 x 8cm high-performance PWM fan(s)
■ Optional 5 x 6cm 4pin 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 920W Redundant Platinum Super Quiet power supply W/PMbus

- Power Efficiency** ■ 94%
- Total Output Power and Input** ■ 920W with Input 100 - 240Vac
- AC Input Frequency** ■ 50-60Hz
- Dimensions (L x W x H)** ■ 336 x 76 x 40 mm
- Output Type** ■ Backplanes (gold finger)
- 12V** ■ Max: N/A
- +12V** ■ Max: 75A / Min: 1A (100Vac - 240Vac)
- +5Vsb** ■ Max: 4A / Min: 0A
- +12Vsb** ■ Max: N/A
- Power Distributor** ■ PDB-PT826-8824
■ O/P: 12V/135
■ +5V Max: 40
■ +3.3V Max: 24
■ -12V Max: 0.6

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-310-29001-0N	1	SC825/826/216/213 Intel DP X9,X8 air shroud 13.68x13/12x13
HD Backplane	BPN-SAS3-826A-N4	1	12-port 2U SAS3 12Gbps hybrid backplane, support up to 8x 3.5-inch SAS3/SATA3 HDD/SSD and 4x SAS3/SATA3/NVMe Storage Devices
Cable(S)	CBL-0160L	2	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Fan(s)	FAN-0126L4	3	80x80x38 mm 7K RPM Chassis Middle Fan w/ Housing
Drive Tray(s)	MCP-220-00075-0B	12	Black gen 5.5 hot-sw ap 3.5"; HDD tray
Power Distributor	PDB-PT826-8824	1	PDB with longer 24pin for SC826B
Power Supply & Accessory	PWS-920P-SQ	2	920W 1U Redundant PWS W/ Quiet Mode
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
Tray(s)	MCP-220-00118-0B	-	Black gen-5.5 tool-less 3.5-to-2.5 converter drive tray,RoHS/REACH
Tray(s)	MCP-220-00116-0B	-	Black gen-5 3.5-to-2.5 NVMe drive tray, Orange tab (for hotsw ap NVMe drive),RoHS/REACH
Short Rail	MCP-290-00058-0N	-	Short rail set, quick release, 19.6"~26.9" Extendable Length
HDD Kit	MCP-220-82609-0N	-	Rear 2.5 x 2 Hot sw ap HDD kit for 216B/826B/417B/846X/847B
Fan Kit	MCP-320-82603-0N	-	6cm fan cooling module for 826B/216B (5X6cm fan)
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

Motherboard (for CSE- 826BAC4-R920LPB)

● <u>X10DRC-T4+</u>	● <u>X10DRC-LN4+</u>	● <u>X10SRH-CLN4E</u>	<u>X10DRH-I</u>
<u>X10DRH-IT</u>	● <u>X10DRH-CT</u>	● <u>X10DRH-C</u>	X10DRH-iLN
● <u>X10DRH-CLN4</u>			

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU