

[About Us](#)
[Products](#)
[Support](#)
[Newsroom](#)
[Where To Buy](#)

SuperChassis 836BE16-R920B

[Products](#)
▶
[Chassis](#)
▶
[3U](#)
▶
[\[SC836BE16-R920B \]](#)

Top View

Air Shroud View

Rear View

Available Color

Black

Key Features

- High Performance SAS2/6Gb/s Expander
- High Efficiency PS and Storage Capacity

- 920W Redundant Power Supplies
80 PLUS, Platinum Level (94%)
- 16x 3.5" Hot-swap SAS Drive Bays w/ SES2 (dual-channel) and optional 2x 2.5" Hot-swap SAS Drive Bays on rear side of Chassis
- 1x Slim DVD-ROM Drive (optional)
- 6Gb/s SAS2 Expander
- Mini-I-Pass (SFF 8087) connectivity
- 3x 8cm Hot-swap 4-pin PWM Fans
- 2x 8cm Rear-exhaust 4-pin PWM Fans
- Optional 3x slim 2.5" Internal Fixed HDD

Downloads

Chassis Manual

Note: Image above may show a varied configuration or optional parts. Please refer to parts list for standard parts included.

Specifications

Product SKUs	
CSE-836BE16-R920B	SuperChassis 836BE16-R920B (Black)
Form Factor	
3U chassis support for max. motherboard size - 13.68" x 13", E-ATX and ATX	
Processor Support	
Supports dual, single Intel® / AMD processors	
Dimensions	
Height	5.2" (132mm)
Width	17.2" (437mm)
Depth	25.5" (648mm)
Gross Weight	72 lbs (32.7kg)
Available Color	Black
Expansion Slots	
7x full-height full-length expansion slots	
Drive Bays	
Hot-swap	16x 3.5" Hot-swap SAS Drive Bays with SES2 (dual-channel) and optional 2x 2.5" Hot-swap SAS Drive Bays on rear side of Chassis SAS or enterprise SATA HDD only recommended
Backplane	
SAS2 Expander Backplane, features: - Scalability through cascading 6Gb SAS2/SATA3 HDD support - Inband SES-2 Enclosure Management - Single input/output SFF 8087 connectors	
Peripheral Drives	
DVD-ROM	Slim DVD-ROM Drive (Optional)
Floppy	Slim 1.44MB Floppy Drive (Optional)
Front Panel	
Buttons	- Power On/Off button - System Reset button
LEDs	- Power LED - Hard drive activity LED 2x Network activity LEDs - System Overheat LED - Power fail LED
Ports	2x USB Ports & DB9 COM Port

System Cooling	
Fans	3x 80mm Hot-swap 4-pin PWM Fans 2x 80mm Rear-exhaust 4-pin PWM Fans
System Monitoring	
Chassis intrusion switch	
Operating Environment (System)	
Operating Temperature Range	10 - 35°C (50° - 95°F)
Non-Operating Temperature Range	-40 - 70°C (-40° - 158°F)
Humidity Range	8 - 90% non-condensing
Non-Operating Humidity Range	5 - 95% non-condensing
Power Supply with Power Distributor	
920W high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C	
AC Input	100-240 V, 50-60 Hz, 11-4.5 Amp
DC Output	4 Amp @ +5V standby 75 Amp @ +12V
With Power Distributor	+5V: 45 Amp +3.3V: 24 Amp -12V: 0.6 Amp
Certification	80PLUS Platinum Certified [Test Report]
Regulatory (Power Supply)	
- USA - UL listed - Canada - CUL listed - Germany - TUV Certified	
Power Supply Safety / EMC	- EN 60950/IEC 60950-Compliant - CB Report - CCC Certification

Components

[See Parts List](#)