

SuperChassis 216BE2C-R920LPB

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Coming Soon

Key Features

SAS 3.0 12Gb/s Technology

1. SAS3 12Gb/s expander storage HDD backplane
2. 920W Redundant High-efficiency Platinum Level Power Supplies
3. 24x 2.5" Hot-swap SAS/SATA HDD/SSD bays
4. Optional rear 2.5" HDD upgrade kit (MCP-220-82609) for mirrored OS
5. Optimized cooling w/ 3x 80x38mm hot-swap fans; optional 5x60mm middle fan kit: MCP-320-82603-0N
6. 7x Low-profile expansion slots

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

Available Color

Black



Downloads

Chassis Manual



Specifications

Product SKUs

CSE-216BE2C-R920LPB ■ SuperChassis 216BE2C-R920LPB (Black)

Form Factor

2U chassis support for max. motherboard size - 13" x 13.68", E-ATX and ATX

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Width	17.2" (437mm)
Height	3.5" (89mm)
Depth	24.8" (630mm)
Packaging	26.5" (W) x 10.5" (H) x 38" (L)
Gross Weight	53 lbs (24kg)
Available Color	Black

Expansion Slots

- 7x low-profile expansion slots

Drive Bays

Hot-swap	24x 2.5" SAS / SATA Hot-swap drive trays SAS or enterprise SATA HDD only recommended
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Backplane

SAS3 12Gb/s Direct Attached Storage Backplane

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

System Cooling

Fans	3x 80mm 7000 RPM PWM fans
Optional	5x 60mm middle fan kit: MCP-320-82603-0N

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 ~ 60°C (-40°F ~ 140°F)
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Non-Operating Relative Humidity Range	5% - 95% (non-condensing)

Power Supply with Power Distributor

920W high-efficiency 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



Platinum Certified
[[Test Report](#)]

Regulatory (Power Supply)

- USA - UL listed
- Canada - CUL listed
- Germany - TUV Certified
- EN 60950/IEC 60950-Compliant
- CB Report
- CCC Certification

Components

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-216BE2C-R920LPB	1	2U Chassis (Black)
Backplane	BPN-SAS3-216EL2	1	SAS3 12Gb/s dual expander backplane, with 24x SAS3 2.5" drive slots and 8x HD mini-SAS3 cable connectors for SAS3 uplink/downlink,RoHS/REACH,PBF
Power Supply	PWS-920P-SQ	2	920W 1U Redundant PWS W/ Quiet Mode
Power Distributor	PDB-PT216-2824	1	PDB with 23pairs input connectors for SC216B
Air Shroud	MCP-310-29001-0N	1	SC825/826/216/213 Intel DP X9,X8 PC air shroud 1368x13/12x13
Accessory	ACC216A-00-2B	1	Accessories Box for S216A with two power cords.
Cable 1	CBL-0088	3	10.5", 4 PIN MIDDLE FAN POWER EXTENSION (PWM)
Cable 2	CBL-0182L	1	4 pin to 4 pin power extension .HDD to RA,40cm. 20AWG
Cable 3	CBL-0071L	1	ROUND 16 pin TO 16 PIN RIBBON FP CABLE 75cm. 28AWG
Cable 4	CBL-0160L	2	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable 5	CBL-0217L	1	16 pin control panel converter cable for SC826,846, 22cm, PBF
Fan 1	FAN-0126L4	3	80x80x38 mm 7K RPM Chassis Middle Fan w/ Housing
Front Panel	FP826-D	1	Front control board Dual color LED(FP826-D)forSC826,213,216,219
Front Panel	TB826	1	Front panel adaptor board (TB826) forSC826,213,216,219
Drive Tray(s)	MCP-290-82607-0N	1	826B/216B rear dummy cover for 2 X 2.5" HDD cage
Drive Tray(s)	MCP-220-00047-0B	24	Black gen 3rd hot-swap 2.5inch HDD tray
Mounting Rails	MCP-290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2"W
Mounting Rails	MCP-410-00007-0N	1	Rail screw bag
Rear Window	MCP-240-82608-0N	1	216B/826B LP rear window,RoHS/REACH,PBF

Optional Parts List			
	Part Number	Qty	Description
Cable(s)	CBL-SAST-0593	-	Internal Mini-SAS HD to Mini-SAS HD 60cm,30AWG,12Gb/s,HF,RoHS/REACH,PBF
	CBL-SAST-0531	-	Internal Mini-SAS HD to Mini-SAS HD 80cm,30AWG,12Gb/s, HF,RoHS/REACH,PBF
Mounting Rails	<u>MCP-290-00058-0N</u>	-	19" to 26.6" rail set: Quick-release, Tool-less
Peripheral Drives	MCP-220-82609-0N	-	Rear 2 X 2.5" HDD kit for 826B series chassis (cables & backplane included)
JBOD Kit - Used for cascading purposes	* CSE-PTJBOD-CB3-O-P	1	CSE-PTJBOD-CB3 JBOD card with IPMI
	MCP-120-84702-0N	1	CB3 JBOD Card Bracket
	AOM-SAS3-16116E-LP	2	Ext. to Int. Mini-SAS HD Adapter (Low-profile)
	CBL-SAST-0593	4	Internal Mini-SAS HD to Mini-SAS HD 60cm,30AWG
	CBL-CDAT-0601	1	4P-4P I2C cable
	CBL-NTWK-0587	1	IPMI Cable
	MCP-120-84705-0N	1	Low-Profile IPMI port bracket
	MCP-260-00011-0N	1	MB dummy I/O shield
	CBL-SAST-0573	2	1m external Mini SAS HD to external mini SAS HD
	CBL-SAST-0531	4	Internal Mini-SAS HD cable 80cm
* CSE-PTJBOD-CB3 has to be sold with Chassis as complete JBOD solution only.			
Front Bezel (Compatibility Table)	MCP-210-82601-0B	-	 Front Bezel Cover, Black (optional)

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