

SuperChassis 216A-R900LPB

[Home](#) ▶ [Products](#) ▶ [Chassis](#) ▶ [2U](#) ▶ [SC216A-R900LPB]



▶ [Chassis Manual](#)

Key Features

1. 2U rackmount chassis - supports for maximum motherboard sizes: 13.68" x 13", E-ATX, ATX
2. 24 x 2.5" hot-swap SAS2/SATA drive bay
3. 24-port 2U SAS 6Gbps direct-attached backplane, support up to 24x 2.5-inch SAS2/SATA3 HDD/SSD
4. 1U 900W hot swap redundant power supply.
5. 7 low-profile expansion slot(s)
6. 3 x 8cm high-performance PWM fan(s)

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

Specifications

Product SKUs

- CSE-216A-R900LPB**
- SuperChassis 216A-R900LPB

Form Factor

- 2U rackmount chassis - supports for maximum motherboard sizes: 13.68" x 13", E-ATX, ATX

Processor Support

- Dual and Single Intel® and AMD processors

Dimensions

- Height** • 3.5" (89 mm)
- Width** • 17.2" (437 mm)
- Depth** • 24.8" (630 mm)

- Gross Weight** • 53 lbs (24.04 kg)

- Packaging (W x H x L)** • 26.5" (673 mm) x 10.9" (277 mm) x 38.3" (973 mm)

- Available Color** • Black

Expansion Slots

- 7 low-profile expansion slot(s)

Drive Bays

- 24 x 2.5" hot-swap SAS2/SATA drive bay

Backplane

- 24-port 2U SAS 6Gbps direct-attached backplane, support up to 24x 2.5-inch SAS2/SATA3 HDD/SSD

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

Motherboard (for CSE- 216A-R900LPB)

- | | |
|---------------------------|-----------------------------|
| H8DG6 | H8DG6-F |
| H8DGi | H8DGi-F |
| X8DTN+-F | X8DTN+-F-LR |
| X8DAH+ | X8DAH+-F |
| X8DTL-3 | X8DTL-3F |
| X8DTL-i | X8DTL-iF |
| X8DTL-6 | X8DTL-6F |
| X8DTL-6L | X8DTL-L |
| X8DAL-3 | X8DAL-i |
| X8ST3-F | X8STE |
| X8SIL | X8SIL-F |
| X8SIE | X8SIE-F |
| X8SIE-LN4 | |

Servers (for CSE- 216A-R900LPB)

- | | |
|----------------------------|------------------------------|
| 2027R-AR24 | 2027R-AR24NV |
|----------------------------|------------------------------|

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 900W hot swap redundant power supply.

- Power Efficiency** • 89%

- Total Output Power and Input** • 900W 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: 75A / Min: 0.5A (100Vac - 240Vac)
+5Vsb	● Max: 4A / Min: 0A
Power Distributor	● PDB-PT836-EN24 ● O/P: 12V/75A ● +5V Max: 45A ● +3.3V Max: 24A ● -12V Max: 0.6A
Regulatory (Power Supply)	
Power Supply Safety / EMC	● BSMI ● CCC ● CE/EMC ● FCC class A ● TUV/CB ● 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-SAS-216A	1	24-port 2U SAS 6Gbps direct-attached backplane, support up to 24x 2.5-inch SAS2/SATA3 HDD/SSD
Cable(S)	CBL-0071L	1	ROUND 16 pin TO 16 PIN RIBBON FP CABLE 75cm. 28AWG
Cable(S)	CBL-0088	3	10.5", 4 PIN MIDDLE FAN POWER EXTENSION (PWM)
Cable(S)	CBL-0160L	2	NEMA5-15P to C power cord 16AWG 6ft, PBF (default for high watt)
Cable(S)	CBL-0217L	1	16 pin control panel converter cable for SC826,846, 23.5cm, PBF
Fan(s)	FAN-0126L4	3	80x80x38 mm 7K RPM Chassis Middle Fan w/ Housing
Front Panel	MCP-280-00018-0N	1	SC826 front control board adapter
Drive Tray(s)	MCP-220-00047-0B	24	Black gen 3rd hot-swap 2.5inch HDD tray
Part(s)	CSE-PT55L	1	I/O SHIELD FOR DUAL LAN M/B, PB FREE
Power Supply & Accessory	PWS-902-1R	2	900W 1U REDUNDANT 12V OUTPUT POWER SUPPLY
Mounting Rail(s)	MCP-290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2";W
Rear Window	MCP-240-82506-0N	1	LP Rear Window for SC825,825M,826,213,216

Optional Parts List			
	Part Number	Qty	Description
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

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