

SuperChassis 213AC-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 supports for maximum motherboard sizes - 13.68" x 13", E-ATX 12" x 13", ATX 12" x 10" motherboards
 2. 16 x 2.5" hot-swap SAS3/SATA drive bay, 1 x 5.25" drive bay
 3. 16-port 2U SAS3 12Gbps direct-attached backplane, support up to 16x 2.5-inch SAS3/SATA3 HDD/SSD
 4. 1U 920W Redundant Platinum Level Power Supply
 5. 7 low-profile expansion slot(s)
 6. 3 x 8cm high-performance PWM fan(s)
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Specifications

Product SKUs

- **CSE-213AC-R920LPB** ■ SuperChassis 213AC-R920LPB

Form Factor

- 2U chassis supports for maximum motherboard sizes - 13.68" x 13", E-ATX 12" x 13", ATX 12" x 10" motherboards

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** ■ 60 lbs (27.22 kg)
- **Packaging (W x H x L)** ■ 29" (737 mm) x 11" (279 mm) x 38.7" (983 mm)
- **Available Color** ■ Black

Expansion Slots

- 7 low-profile expansion slot(s)

Drive Bays

- 16 x 2.5" hot-sw ap SAS3/SATA drive bay
- 1 x 5.25" drive bay

Backplane

- 16-port 2U SAS3 12Gbps direct-attached backplane, support up to 16x 2.5-inch SAS3/SATA3 HDD/SSD

Peripheral Drives

- Optional 1 x slim DVD-ROM drive bay
- Optional 2 x USB 2.0 ports
- Optional 1 x COM port tray

Front Panel

- **Buttons** ■ Power On/Off button
■ System Reset Button
- **LEDs** ■ 2 Network Activity LEDs
■ HDD activity LED
■ Power Status LED
■ Power Fail LED
■ System Information 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 920W Redundant Platinum Level Power Supply

- **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: NAA
- **+12V** ■ Max: 75A / Min: 0.5A (100Vac - 240Vac)
- **+5Vsb** ■ Max: 4A / Min: 0A
- **+12Vsb** ■ Max: NAA
- **Power Distributor** ■ PDB-PT216-8824
■ O/P: 12V/100
■ +5V Max: 30
■ +3.3V Max: 24
■ -12V Max: 0.6

Certification



■ Platinum Certified

Regulatory (Power Supply)

- **Power Supply Safety / EMC** ■ BSMI
■ CCC
■ CE/EMC
■ FCC class A
■ 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-SAS3-213A	1	16-port 2U SAS3 12Gbps direct-attached backplane, support up to 16x 2.5-inch SAS3/SATA3 HDD/SSD
Cable(S)	CBL-0071L	1	CBL,FRONT CNTL,16 TO 16 PIN,RA,RND TUBE,75CM,28AWG
Cable(S)	CBL-0088	3	10.5", 4 PIN MIDDLE FAN POWER EXTENSION (PWM)
Cable(S)	CBL-0160L	2	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable(S)	CBL-0217L	1	CBL,CNTL PANEL CONVERTER,FOR SC826/846,FFC,16PIN,22CM
CD-ROM & Accessory	MCP-290-00007-01	1	Black DVD dummy cover for SC825, 836
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-220-00009-01	1	Black 5.25"; drive tray w/o rail (square pattern)
Drive Tray(s)	MCP-220-00023-01	1	Black USB dummy tray support 1x 2.5" slim HDD for SC825, 836
Drive Tray(s)	MCP-220-00047-0B	16	Black gen 3rd hot-sw ap 2.5inch HDD tray
Power Distributor	PDB-PT216-8824	1	POWER DISTRIBUTOR FOR SC216
Power Supply & Accessory	PWS-920P-1R	2	1U REDUNDANT 920W PMBus 94% EFFICIENCY
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
Rail	MCP-290-00058-0N	-	Short rail set, quick release, 19.6"~26.9" Extendable Length
Front USB	MCP-220-00007-01	-	Black USB/COM port tray for SC825, 836
Front Bezel	MCP-210-82601-0B	-	Black Front Bezel for 826 chassis
Tray(s)	MCP-290-00036-0B	-	Black DVD dummy tray support 1x2.5 HDD for SC113,815,825,836
HDD Kit	MCP-220-81506-0N	-	12G 2.5-in Hot-sw ap Slim DVD Size Drive Kit with Status LED
DVD-ROM / DVD-RW	MCP-220-81502-0N	-	Slim SATA DVD mounting kit for SC213,219,813,815,818,819,825,828,829,836,842
DVD-ROM / DVD-RW	DVM-PNSC-DVD-SBT3	-	BLACK PANASONIC SLIM DVD ROM SATA DRIVE,HF,RoHS/REACH
Cable	CBL-SAST-0508-01	-	Internal Mini-SAS to Mini-SAS HD 50cm w / SB, 30AWG,HF,RoHS/REACH,PBF
Cable	CBL-SAST-0568	-	Internal Mini-SAS HD to Mini-SAS HD 35cm,30AWG,12Gb/s,HF,RoHS/REACH,PBF
Cable	CBL-SAST-0591	-	cross-over mini SAS HD to 4 SATA w/SB, S. 75cm. 30AWG,HF,RoHS/REACH,PBF

Motherboard (for CSE- 213AC-R920LPB)

X10DRL-CI

X10DRL-iT

X10DRL-C

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU

Servers (for CSE- 213AC-R920LPB)

