

SuperChassis 219A-R920WB



Key Features

1. 2U chassis supports for maximum motherboard sizes - SMC Proprietary WIO , 13.68" x 16.5", motherboards
 2. 16 x 2.5" hot-swap SAS2/SATA drive bay, 1 x 5.25" drive bay
 3. 16-port 2U SAS 6Gbps direct-attached backplane, support up to 16x 2.5-inch SAS2/SATA3 HDD/SSD
 4. 1U 920W Redundant Platinum Super Quiet power supply W/PMbus
 5. 4 full-height & full-length expansion slot(s) , 3 low-profile expansion slot(s)
 6. 4 x 80mm high-performance fan(s)
Optional 3 x fans for 100% cooling redundancy
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Specifications

Product SKUs

- CSE-219A-R920WB** ■ SuperChassis 219A-R920WB

Form Factor

- 2U chassis supports for maximum motherboard sizes - SMC Proprietary WIO , 13.68" x 16.5", motherboards

Processor Support

- Dual and Single Intel® Xeon® and AMD processors

Dimensions

- Height** ■ 3.5" (89 mm)
- Width** ■ 17.2" (437 mm)
- Depth** ■ 26.93" (684 mm)
- Gross Weight** ■ 61 lbs (27.67 kg)
- Packaging (W x H x L)** ■ 25.7" (653 mm) x 10.8" (274 mm) x 39.3" (998 mm)
- Available Color** ■ Black

Expansion Slots

- 3x Low-profile expansion slot(s)
- 4x Full-height, Full-length expansion slot(s)

Drive Bays

- 1x 5.25" drive bay
- 16x 2.5" hot-swap SAS2/SATA drive bay

Backplane

- 16-Port 2U SAS 6Gbps direct-attached backplane, support up to 16x 2.5-inch SAS2/SATA3 HDD/SSD

Peripheral Drives

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

Front Panel

- Button** ■ Power On/Off button
■ System Reset button
- LED** ■ Power status LED
■ HDD activity LED
■ System Information LED
■ Power Fail LED
■ 2 Network Activity LEDs

Systems Cooling

- Fans** ■ Optional 3x fans for 100% cooling redundancy
■ 4x 80mm high-performance fan(s)

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: 75A / Min: 1A (100Vac - 240Vac)
- +5Vsb** ■ Max: 4A / Min: 0A
- Power Distributor** ■ PDB-PT213-S8824
■ O/P: 12V/100
■ +5V Max: 45A
■ +3.3V Max: 24A
■ -12V Max: 0.6A

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-310-29002-0N	1	SC829/219 Intel DP X9, X8 PC air shroud, 12.8x16.5MB
HD Backplane	BPN-SAS-213A	1	16-port 2U SAS 6Gbps direct-attached backplane, support up to 16x 2.5-inch SAS2/SATA3 HDD/SSD
Cable(s)	CBL-0071	1	ROUND 16 TO 16 PIN RIBBON FP CABLE 30"L
Cable(s)	CBL-0160L	2	US POWER CORD 16AWG, PB FREE
Part(s)	MCP-120-00052-0N	1	2U chassis base support bracket
Part(s)	MCP-120-21301-0N	1	SC213 HDD backplane retention bracket
Part(s)	MCP-160-21601-0B	1	Mylar protect cover for control panel adaptor
Part(s)	MCP-230-00028-0N	1	Top cover for SC829, SC219
Part(s)	MCP-240-00105-0N	1	2U W+IO riser bracket for SC829, SC219
Part(s)	MCP-270-21901-0N	1	2U SC219 chassis base
Part(s)	MCP-290-00088-0N	1	SC119 Intrusion assembly
Part(s)	MCP-290-21901-0V	1	SC219 front left handle (with control board)
Part(s)	MCP-290-82902-0V	1	SC829 front right handle (with SMC logo)
Part(s)	MCP-290-82903-04	3	Adjustable AOC holder
CD-ROM & Accessory	MCP-290-00007-01	1	Black DVD dummy cover for SC825, 836
Fan(s)	FAN-0126L4	4	80x80x38 mm 7K RPM Chassis Middle Fan w/ Housing
Front Panel	MCP-280-00018-0N	1	SC826 front control board adapter
Cooling Fan & Accessory	MCP-320-82902-0N	1	Fan tray for 4pcs 80x38 hot-swap fan for SC829, SC219
Drive Tray(s)	MCP-290-00079-0B	1	Black 5.25inch Drive Dummy Cover, Short Depth 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-swap 2.5inch HDD tray
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
Mounting Rail(s)	MCP-290-00060-0N	1	Threaded rail adapter default for round hole rack
Rear Window	MCP-240-00104-0N	1	2U W+IO rear window for SC829, SC219

Optional Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-82901-0N	-	Air shroud for SC829, X8 16.5" DP
Cable	CBL-0108L-02	-	IPASS TO IPASS 39CM PBF
	CBL-0281L	-	IPASS TO IPASS 75CM PBF. 26AWG
Cable Management Arm	MCP-290-00073-0N • eStore	-	Supermicro Cable Management Arm for 2U, 3U and 4U chassis
DC PSU	PWS-1K11P-1R • eStore	-	1U 1010W DC INPUT POWER SUPPLY MODULE
Fan Kit	MCP-320-82903-0N	-	Redundant fan kit for SC829, SC219
LCD	MCP-220-00095-0B	-	Black 5.25 LCD tray wo rail, support 1x 3.5 HDD
PSU Kit	MCP-290-00017-00	-	Grounding bracket for DC PWS
Rail	MCP-290-00058-0N • eStore	-	Short rail set, quick release, 19.6"~26.9" Extendable Length
SATA DVD Kit	MCP-220-81502-0N • eStore	-	Slim SATA DVD mounting kit for SC213,219,813,815,818,819,825,828,829,836,842
Tray(s)	MCP-220-00007-01	-	Black USB/COM port tray for SC825, 836

Servers (for CSE-219A-R920WB)

SYS-2027R-N6RF4+

SYS-2027R-N6RFT+

SYS-2027R-N3RF4+

SYS-2027R-N3RFT+

SYS-2027R-72RFTP+

Motherboard (for CSE-219A-R920WB)

X9DRW-3LN4F+

X9DRW-3TF+

X9DRW-7TPF

X9DRW-7TPF+

X9DRW-iTPF

X9DRW-iTPF+

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU