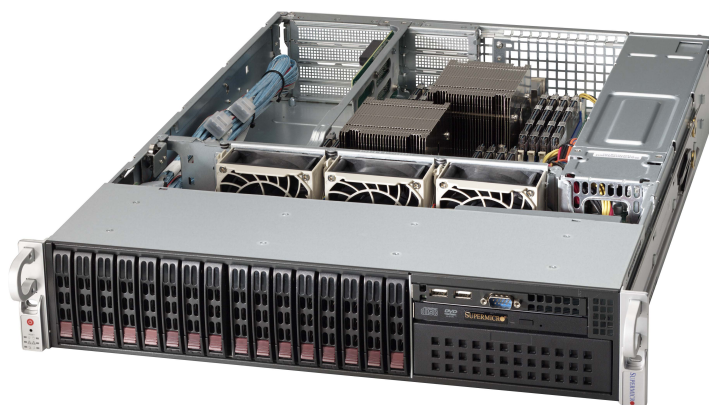


SuperChassis 213BAC8-R1K23WB



Key Features

- 2U chassis supports for maximum motherboard sizes - SMC Proprietary WIO , 13.68" x 13" motherboards
- 16 x 2.5" hot-swap SAS3/SATA drive bay, 1 x 5.25" drive bay, optional 2 x 2.5" hot-swap SAS/SATA drive bay
- 16-port 2U SAS3 12Gbps hybrid backplane, support up to 8x 2.5-inch SAS3/SATA3 HDD/SSD and 8x SAS3/SATA3/NVMe Storage Devices
- 1U 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm
- 4x full-height & full-length expansion slot(s) and 3x low-profile expansion slot(s)
- 3 x 8cm high-performance PWM fan(s)

Specifications

Product SKUs

SuperChassis 213BAC8-R1K23WB

Form Factor

2U chassis supports for maximum motherboard sizes - SMC Proprietary WIO , 13.68" x 13" 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

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 SAS3/SATA drive bay

Optional 2x 2.5" hot-swap SAS/SATA drive bay

Backplane

16-Port 2U SAS3 12Gbps hybrid backplane, support up to 8x 2.5-inch SAS3/SATA3 HDD/SSD and 8x SAS3/SATA3/NVMe Storage Devices

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

3x 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 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm

Power Efficiency

96%

Total Output Power and Input

1200W with Input 200 - 240Vac

1000W with Input 100 - 127Vac

1200W with Input 200 - 240Vdc

AC Input Frequency

50-60Hz

Dimensions (L x W x H)

336 x 76 x 40 mm

Output Type

Backplanes (gold finger)

+12V

Max: 100A / Min: 0A (200Vdc - 240Vdc)

Max: 100A / Min: 0A (200Vac - 240Vac)

Max: 83A / Min: 0A (100Vac - 127Vac)

+5Vsb

Max: 4A / Min: 0A

Power Distributor

PDB-PT216-2824

O/P: 12V/100

+5V Max: 30A

+3.3V Max: 24A

-12V Max: 0.6A

Certification



(<http://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.aspx?id=69&type=2>), Titanium Certified

Regulatory (Power Supply)

Power Supply Safety / EMC

BSMI

CCC

CE/EMC

FCC class A

UL/CB

UL/CUL

Components

Standard Parts List

Air Shroud	
Part Number	MCP-310-29001-0N
Qty	1
Description	SC825/826/216/213 Intel DP X9,X8 air shroud 13.68x13/12x13
HD Backplane	
Part Number	BPN-SAS3-213A-N8
Qty	1
Description	16-port 2U SAS3 12Gbps hybrid backplane, support up to 8x 2.5-inch SAS3/SATA3 HDD/SSD and 8x SAS3/SATA3/NVMe Storage Devices
Cable(s)	
Part Number	CBL-0071L
Qty	1
Description	ROUND 16 TO 16 PIN RIBBON FP CABLE 30"L, LF
Cable(s)	
Part Number	CBL-0217L
Qty	1
Description	16PIN CNTL PANEL CONVERTER CBL FOR SC826,PBF
Cable(s)	
Part Number	CBL-PWCD-0160-IS
Qty	2
Description	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH
Cable(s)	
Part Number	CBL-PWEX-1069
Qty	3
Description	PWEX,FAN,1X4/P2.5 TO 1X4/P2.54,30CM,22AWG,5A/pin,RoHS
Part(s)	
Part Number	MCP-120-00115-0N
Qty	3
Description	Blank LP L-bracket with 4x4 vent holes
Part(s)	
Part Number	MCP-120-00116-0N
Qty	4
Description	Blank FH L-bracket with 4x4 vent holes
Part(s)	
Part Number	MCP-230-82603-0N
Qty	1
Description	Top cover for SC826B, 216B WIO/UIO w/ FH-AOC mylar
Part(s)	
Part Number	MCP-240-00103-0N
Qty	1
Description	2U WIO riser card bracket for SC825, SC826, SC213, SC216
Part(s)	
Part Number	MCP-290-00088-0N
Qty	1
Description	SC119 Intrusion assembly
Part(s)	
Part Number	MCP-290-82605-0V
Qty	1
Description	826 handle
CD-ROM & Accessory	
Part Number	MCP-290-00007-01
Qty	1
Description	Black DVD dummy cover for SC825, 836
Fan(s)	
Part Number	FAN-0206L4
Qty	3
Description	80x80x38 mm, 13.5K RPM, Middle Cooling Fan for 2U and above Servers
Front Panel	
Part Number	FPB-FP826-D
Qty	1
Description	Front control board Dual color LED(FP826-D)forSC826,213,216,
Front Panel	
Part Number	FPB-TB826
Qty	1
Description	16 pin Cable Adaptor Board for SC826
Drive Tray(s)	
Part Number	MCP-220-00009-01
Qty	1

Description	Black 5.25"; drive tray w/o rail (square pattern)
Drive Tray(s)	
Part Number	MCP-220-00023-01
Qty	1
Description	Black USB dummy tray support 1x 2.5" slim HDD for SC825, 836
Drive Tray(s)	
Part Number	MCP-220-00047-0B
Qty	16
Description	Black gen 3rd hot-swap 2.5inch HDD tray
Power Distributor	
Part Number	PDB-PT216-2824
Qty	1
Description	PDB with 23pairs input connectors for SC216B
Power Supply & Accessory	
Part Number	PWS-1K23A-1R
Qty	2
Description	AC-DC 1200W, Titanium Level, Redundancy, 1U, PMBUS 1.2, +12V/+5Vsb, 336x76x40 mm,HF,RoHS/REACH
Mounting Rail(s)	
Part Number	MCP-290-00053-0N
Qty	1
Description	Rail set, quick/quick, default for 2,3U 17.2"W
Mounting Rail(s)	
Part Number	MCP-290-00060-0N
Qty	1
Description	Threaded rail adapter default for round hole rack
Rear Window	
Part Number	MCP-240-82609-0N
Qty	1
Description	SC826B, 216B WIO rear window

Optional Parts

Cable

Part Number	CBL-SAST-0508-01 eStore (https://store.supermicro.com/supermicro-minisas-to-minisas-hd-50cm-cable-cbl-sast-0508-01.html)	CBL-SAST-0568 eStore (https://store.supermicro.com/supermicro-internal-minisas-hd-35cm-cable-cbl-sast-0568.html)	CBL-SAST-0591 eStore (https://store.supermicro.com/supermicro-internal-reverse-breakout-cross-over-minisas-hd-to-4-sata-with-sideband-75-75-75-75cm-cable-cbl-sast-0591.html)
Qty	-	-	-
Description	Internal Mini-SAS to Mini-SAS HD 50cm w/ SB, 30AWG,HF,RoHS/REACH,PBF	Internal Mini-SAS HD to Mini-SAS HD 35cm,30AWG,12Gb/s,HF,RoHS/REACH ,PBF	cross-over mini SAS HD to 4 SATA w/SB, S. 75cm. 30AWG,HF,RoHS/REACH,PBF

DVD-ROM / DVD-RW

Part Number	MCP-220-81502-0N eStore (https://store.supermicro.com/dvd-mounting-kit-mcp-220-81502-0n.html)	DVM-PNSC-DVD-SBT3
Qty	-	-
Description	Slim SATA DVD mounting kit for SC213,219,813,815,818,819,825,828,829,836,842	BLACK PANASONIC SLIM DVD ROM SATA DRIVE,HF,RoHS/REACH

Front Bezel

Part Number	MCP-210-82601-0B eStore (https://store.supermicro.com/front-bezel-mcp-210-82601-0b.html)
Qty	-
Description	Black Front Bezel for 826 chassis

Front USB

Part Number	MCP-220-00007-01
Qty	-
Description	Black USB/COM port tray for SC825, 836

HDD Kit

Part Number	MCP-220-81506-0N eStore (https://store.supermicro.com/mcp-220-81506-0n-drive-kit.html)
Qty	-
Description	12G 2.5-in Hot-swap Slim DVD Size Drive Kit with Status LED

Rail

Part Number	MCP-290-00058-0N eStore (https://store.supermicro.com/2u-5u-rail-kit-mcp-290-00058-0n.html)
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Qty	-
Description	Short rail set, quick release, 19.6"-26.9" Extendable Length

Tray(s)	
Part Number	MCP-290-00036-0B
Qty	-
Description	Black DVD dummy tray support 1x2.5 HDD for SC113,815,825,836

[Global SKU \(/en/products/SMC_global_skus\)](/en/products/SMC_global_skus)
