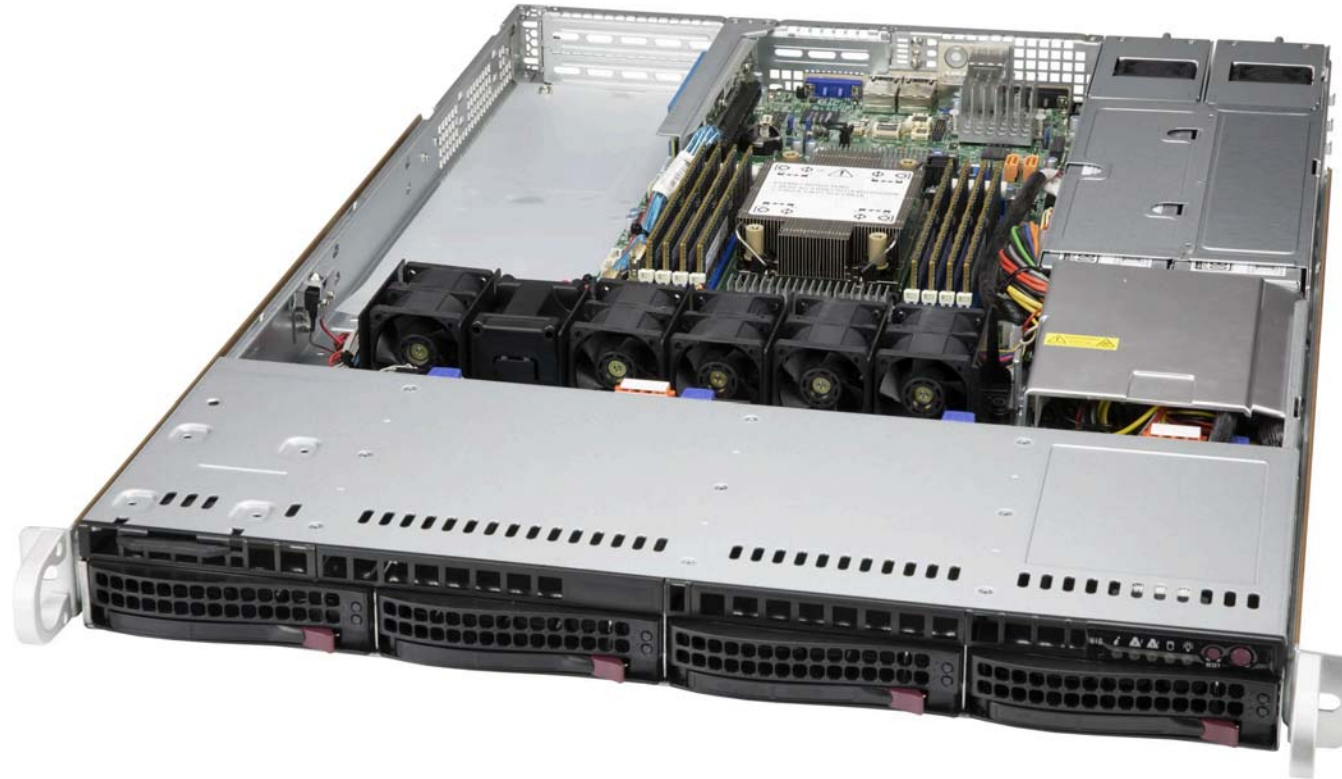


SuperChassis 815TQC4-R504WB3

RMS145 1U 25.6" Depth Rack Mount Computer Chassis Specifications



Key Features

- 1U Chassis, Support proprietary WIO MB size 8"x13" and up to 12.3"x13"
- 4 x 3.5" hot-swap SAS3/SATA drive bay
- SAS or enterprise SATA HDD only recommended
- 4-port 1U SAS3 12Gbps Hybrid backplane, support up to 4x 3.5-inch SAS3/SATA3/NVMe Storage Devices
- 1U 500W/600W redundant single output 80PLUS Platinum
- 2 full-height & full-length expansion slot(s) , 1 low-profile expansion slot(s)
- 4 x 40x56mm counter-rotation PWM fan(s)
- Optional 2 x fans for AOC cooling

Specifications

Product SKUsSuperChassis **815TQC4-****R504WB3****Form Factor**

1U Chassis, Support proprietary WIO MB
size 8"x13" and up to 12.3"x13"

Processor Support

Dual and Single Intel® and AMD processors

Dimensions**Height**

1.7" (43 mm)

Width

17.2" (437 mm)

Depth

25.6" (650 mm)

Gross Weight

36 lbs (16.33 kg)

Packaging (W x H x L)

23.6" (599 mm) x 7.9" (201 mm) x 34.1"
(866 mm)

Available Color

Black

Expansion Slots

1x Low-profile expansion slot(s)
2x Full-height, Full-length expansion
slot(s)

Drive Bays

4x 3.5" hot-swap SAS3/SATA drive bay
SAS or enterprise SATA HDD only
recommended

Backplane

4-Port 1U SAS3 12Gbps Hybrid backplane,
support up to 4x 3.5-inch
SAS3/SATA3/NVMe Storage Devices

Front Panel**Button**

Power On/Off button
System Reset button
Unit Identification (UID) button

LED

Power status LED
HDD activity LED
2 Network Activity LEDs
Unit Identification (UID) LED
Fan Fail/System Over Heat LED

Systems Cooling**Fans**

4x 40x56mm counter-rotation PWM fan(s)
Optional 2x fans for AOC cooling

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 500W/600W redundant
single output 80PLUS Platinum

Power Efficiency

92%

Total Output Power and Input

600W with Input 200 - 240Vac
500W with Input 100 - 127Vac

AC Input Frequency

50-60Hz

Dimensions (L x W x H)

322 x 54.5 x 40.25 mm

Output Type

Backplanes (gold finger)

+12V

Max: 50A / Min: 0A (200Vac - 240Vac)

Max: 42A / Min: 0A (100Vac - 127Vac)

Max: 50A / Min: 0A

+5Vsb

Max: 4A / Min: 0A

Power Distributor

PDB-PT112-S2424

O/P: 12V/54

+5V Max: 25A

+3.3V Max: 25A

-12V Max: 0.6A

Certification

(<http://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.aspx?id=69&type=1>). **Platinum Certified**

Regulatory (Power Supply)

Components

Standard Parts List

Air Shroud

Part Number	MCP-310-19002-0N
Qty	1
Description	SC815/113/116 Intel DP X9, X8 PC air shroud, 12x13MB

HD Backplane

Part Number	BPN-SAS3-815TQ-N4
Qty	1
Description	4-port 1U SAS3 12Gbps Hybrid backplane, support up to 4x 3.5-inch SAS3/SATA3/NVMe Storage Devices

Cable(s)

Part Number	CBL-0335L
Qty	1
Description	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,70CM,PBF

Cable(s)

Part Number	CBL-PWCD-0160-IS
Qty	2
Description	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH

Part(s)

Part Number	MCP-230-00036-0N
Qty	1
Description	Top cover with 1 mylar for SC815 (cost-down)

Part(s)

Part Number	MCP-240-00099-0N
Qty	1
Description	1U WIO riser card bracket for SC113, SC815, SC119, SC819

Part(s)

Part Number	MCP-270-81505-0N
Qty	1

Description	Chassis base for SC815T, U version, Redundant PWS(cost-down)
Part(s)	
Part Number	MCP-290-00173-0N
Qty	1
Description	SC119 Intrusion assembly upgraded version (with 3rd mounting screw hole) (cable length: 47mm)
CD-ROM & Accessory	
Part Number	CSE-PT93L-B
Qty	1
Description	Black DVD dummy cover for SC813, 813M, 815, PBF-RoHS
Fan(s)	
Part Number	FAN-0141L4
Qty	4
Description	40x40x56 mm 20.5K RPM / 17.6K RPM Counter-rotating Fan
Front Panel	
Part Number	FPB-FP815U
Qty	1
Description	815 UIO front control board (U)
Cooling Fan & Accessory	
Part Number	CSE-PT0135
Qty	1
Description	FAN HOLDER FOR SIX 40X56MM COUNTER ROTATING FANS
Cooling Fan & Accessory	
Part Number	MCP-340-00035-0B
Qty	2
Description	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)
Drive Tray(s)	
Part Number	MCP-220-00075-0B
Qty	4
Description	Black gen 5.5 hot-swap 3.5" HDD tray
Power Distributor	
Part Number	PDB-PT112-S2424
Qty	1
Description	WIO X11 Support,PDB-PT112-S2424 is based on PDB-PT112-2424
Part(s)	
Part Number	MCP-120-00030-0N

Qty	1
Description	Blank LP L-bracket (1 row of capsule hole)
Part(s)	
Part Number	MCP-120-00053-0N
Qty	2
Description	Blank FH L bracket w/o SCSI cutout for SC825,836,846,743
Power Supply & Accessory	
Part Number	MCP-250-81502-0N
Qty	1
Description	SC815 Redundant Power Distributor Cover
Power Supply & Accessory	
Part Number	PWS-504P-1R2
Qty	2
Description	1U Redundant 500W/600W, Platinum efficiency, AC inlet: C14,RoHS
Mounting Rail(s)	
Part Number	MCP-290-00016-0N
Qty	1
Description	1U open rack bracket set for CSE-PT51L,MCP-290-00054-0N
Mounting Rail(s)	
Part Number	MCP-290-00054-0N
Qty	1set
Description	Rail set, quick/quick, optional for 1U 17.2
Rear Window	
Part Number	MCP-240-00098-0N
Qty	1
Description	WIO rear window for SC113,SC116, SC815 Redundant PWS
Optional Parts	
Adaptor HDD carrier	
Part Number	MCP-220-00043-0N • eStore (https://store.supermicro.com/mcp-220-00043-0n.html)
Qty	-
Description	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray
Drive Trays	

Part Number	MCP-220-00116-0B • eStore (https://store.supermicro.com/mcp-220-00116-0b.html)
Qty	-
Description	Black gen-5 3.5-to-2.5 NVMe drive tray, Orange tab (for hotswap NVMe drive),RoHS/REACH
Front Bezel	
Part Number	CSE-PTFB-813LB (black)
Qty	-
Description	Front Bezel Cover with Key Lock & Filter, Black, Beige, LCD options
Front Tray	
Part Number	CSE-PT40 (B)
Qty	-
Description	Front USB and COM tray (Occupies Slim Floppy Drive Location)
Heatsink / Retention	
Part Number	N/A
Qty	-
Description	Please refer to our Thermal Components Matrix
LCD/OLED Solutions	
Part Number	N/A
Qty	-
Description	Please reference the LCD/OLED Display Solutions for details
Mounting Rail	
Part Number	MCP-290-00056-0N • eStore (https://store.supermicro.com/1u-rail-kit-mcp-290-00056-0n.html)
Qty	-
Description	19" to 26.4" outer rail, /quick, for 1U 17.2" W chassis