

RMS185 1U Rack Mount Computer Chassis Specifications

CSE-815BTQC-R860W



Key Features

- Optimized for X13 WIO (W series) motherboards, support MB size up to 12.3" x 13.4"
- 4 x 3.5" hot-swap SAS/SATA
- SAS or enterprise SATA HDD only recommended
- 1U 4-Port 12Gbps Backplane Support 4x3.5
- 1U Redundant 860W Single Output Power Supply Platinum level, 54.5mm width
- 2 full-height & full-length expansion slot(s) , 1 low-profile expansion slot(s)
- 4 x 40x56mm counter-rotation PWM fan(s)

Product SKUs CSE-815BTQC-R860W
Form Factor 1U chassis support for motherboard size Proprietary WIO 12.3" x 13"
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 34.5 lbs (15.46 kg) Net Weight 21.5 lbs (9.75 kg) Packaging (W x H x L) 23.5" (597 mm) x 8.5" (216 mm) x 33.7" (856 mm) Available Color Black
Expansion Slots 2x Full-height, Full-length expansion slot(s) (Riser Card Required) 1x Low-profile expansion slot(s) (Riser Card Required)
Drive Bays 4x 3.5" hot-swap SAS3/SATA3 drive bay SAS or enterprise SATA HDD only recommended
Backplane 4-Port 1U 12Gbps Backplane Support 4x3.5" SAS3/SATA HDD
Peripheral Drives Optional 1x Slim DVD-ROM Drive Optional 1x USB + COM port tray
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 40x56mm 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 800W/860W 1U redundant power supply Power Efficiency 94+% Total Output Power and Input 860W with Input 200 - 240Vac 800W with Input 100 - 127Vac 860W with Input 200 - 240Vdc 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: 71.6A / Min: 0A (200Vac - 240Vac) Max: 66.6A / Min: 0A (100Vac - 127Vac) +5Vsb Max: 4A / Min: 0A Power Distributor PDB-PT116-SL8824 O/P: 12V/80 +5V Max: 25A +3.3V Max: 25A -12V Max: 0.6A Certification  (http://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.asid=69&type=1). Platinum Certified
Regulatory (Power Supply) Power Supply Safety / EMC BSMI CCC CE/EMC UL/CB UL/CUL

Components

Standard Parts List

Air Shroud	
Part Number	MCP-310-81506-0B
Qty	1
Description	Air block for 1U WIO SC815B with X13SEW
Bracket	
Part Number	MCP-240-00201-0N
Qty	1

Description	1U WIO top-load riser card bracket for SC815B, SC116B
HD Backplane	
Part Number	BPN-SAS3-815TQ
Qty	1
Description	1U 4-Port 12Gbps Backplane Supports 4x3.5" SAS/SATA HDD/SSD
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-120-00115-0N
Qty	1
Description	Blank LP L-bracket with 4x4 vent holes
Part(s)	
Part Number	MCP-120-00116-0N
Qty	2
Description	Blank FH L-bracket with 4x4 vent holes
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-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: 47cm)
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-0163L4
Qty	4
Description	40x40x56 mm, 23.3K-20.3K 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-PT116-SL8824
Qty	1
Description	Based on PDB-PT116-L8824 to optimize 24Pin etc cable lengths
Power Supply & Accessory	
Part Number	PWS-860P-1R2
Qty	2
Description	1U 860W, Redundant power supply, 54.5mm width, Platinum with
Power Supply & Accessory	
Part Number	MCP-250-81502-0N
Qty	1
Description	SC815 Redundant Power Distributor Cover
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-240-00202-0N
Qty	1
Description	1U WIO rear window to support top-load riser bracket for SC815B,SC116B