

SuperChassis 515M-R804



Key Features

1. Front I/O short depth resource optimized chassis
2. Support Proprietary WIO MB size up to 8"x10"
3. 800W Redundant AC power supplies **Platinum Level Certified**
4. 2x 2.5" Internal Drive Bays
5. Up to 2x Full-height AOC expansion slot
6. Up to 5x 40x56mm high-efficiency fans, hot-swappable
7. Support Service Tag for system information

Specifications

Product SKUs

- CSE-515M-R804
 - SuperChassis 515M-R804

Form Factor

- Support Proprietary WIO MB size up to 8"x10"

Processor Support

- Single Intel® and AMD processors

Dimensions

Height	1.7" (43 mm)
Width	17.2" (437 mm)
Depth	15.7" (399 mm)
Gross Weight	18 lbs (8.16 kg)
Packaging (W x H x L)	27" (686 mm) x 8" (203 mm) x 24" (610 mm)
Available Color	Black

Expansion Slots

- Up to 2x Full-height, Half-length expansion slot(s)

Drive Bays

- Up to 2x 2.5" fixed drive bay with bracket

Front Panel

Button	- Power On/Off button - System Reset button
LED	- Power status LED - HDD activity LED 2 Network Activity LEDs - Fan Fail/System Over Heat LED

Systems Cooling

- Fans
 - 3x 40x56mm counter-rotation PWM fan(s), hot-swappable

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 1U redundant power supply

Power Efficiency	94%
Total Output Power and Input	800W with Input 230 - 240Vdc 800W with Input 200 - 240Vac 750W with Input 100 - 127Vac
AC Input Frequency	50-60Hz
Dimensions (L x W x H)	220 x 54.5 x 40.25 mm
Output Type	Backplanes (gold finger)
+12V	- Max: 62.5A / Min: 0.5A (100Vac - 127Vac) - Max: 66.6A / Min: 0.5A (230Vdc - 240Vdc) - Max: 66.6A / Min: 0.5A (200Vac - 240Vac)
+5Vsb	Max: 4A / Min: 0A
Power Distributor	- PDB-PT515M-2424 - O/P: 12V/65 +5V Max: 17A +3.3V Max: 13A -12V Max: 0A
Certification	 Platinum Certified

Regulatory (Power Supply)

- Power Supply Safety / EMC
 - BSMI
 - CCC
 - CE/EMC
 - UL/CB

Components

Standard Parts List

	Part Number	Qty	Description
Bracket	MCP-240-51506-0B	1	Riser Card Bracket for WIO MB in SC515M
Cable(s)	CBL-0191L	1	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,50CM,PBF
Cable(s)	CBL-OTHR-1214-24	3	FAN cbl,1x4,M, to 1x4,F,14CM,3A/pin,22AWG,RoHS
Cable(s)	CBL-PWCD-0160-IS	2	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH
Part(s)	MCP-120-00116-0B	2	Blank FH L-bracket with 4x4 vent holes, Black
Part(s)	MCP-230-51503-0N	1	Top cover for SC515M, with 2x #6-32 thumb screw
Part(s)	MCP-270-51505-0N	1	1U SC515M Redundant PWS chassis base
Part(s)	MCP-290-00173-0N	1	SC119 Intrusion assembly upgraded version (with 3rd mounting screw hole)
Fan(s)	FAN-0207L4	3	40x40x56 mm, 13K-11K RPM,Counter-rotating, Hot-swappable Fan
Front Panel	MCP-280-80901-0N	1	SC809 FRONT CONTROL PANEL ASSY
Cooling Fan & Accessory	MCP-320-51501-0N	2	1U hot-swap 4056 dummy fan tray for SC515M (no venting hole)
Cooling Fan & Accessory	MCP-320-51502-0N	1	1U hot-swap 4056 fan tray for FAN-0207L4 in SC515M (with venting hole)
Drive Tray(s)	MCP-220-00137-0N	1	Dual 2.5 HDD bracket (bracket base follow std 2.5
Power Distributor	PDB-PT515M-2424	1	1U support redundancy up to 800W for SC515M chassis with ATX
Part(s)	MCP-260-00078-0B	1	1U I/O shield for X11 Server MB with 5X5mm vent hole and EMI Gasket, Black
Power Supply & Accessory	PWS-804P-1R	2	1U 800W 100-240VAC/50-60Hz, and DC240V input
Mounting Rail(s)	MCP-290-00102-0N	1set	Outer rail, quick-release type, 25.6" to 33.05"
Mounting Rail(s)	MCP-290-00108-0B	1 set	Inner rail, front, short (quick) for 1U 17.2
Rear Window	MCP-240-51505-0N	1	Rear window for SC515M Redundant PWS chassis

Optional Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-51504-0B	-	Mylar Air Shroud for SC515M + X11 SDW
Chassis parts	MCP-290-00016-0N	-	1U open rack bracket set for CSE-PT51L,MCP-290-00054-0N
	MCP-290-00064-0N	-	Thumb screw adapter of inner rail for 1U 17.2
HDD Kit	MCP-220-00137-0N	-	Dual 2.5 HDD bracket (bracket base follow std 2.5
Rail	MCP-290-00056-0N • eStore	-	Quick-release outer rail for square hole short-depth rack (19"~26.4")
Riser Card Bracket	MCP-240-51507-0B	-	Riser Card Bracket for STD MB in SC515M

Servers (for CSE-515M-R804)

SYS-1019D-4C-RAN13TP+

SYS-1019D-14CN-RAN13TP+

SYS-1019D-16C-RAN13TP+

SYS-110P-FRN2T

SYS-1019P-FRN2T

SYS-110D-4C-FRAN8TP

SYS-110D-8C-FRAN8TP

SYS-110D-16C-FRAN8TP

SYS-110D-20C-FRAN8TP

Motherboard (for CSE-515M-R804)

X12SPZ-LN4F

X12SPZ-SPLN6F

● = Most optimized Chassis for SuperServer Configuration
 Blue color = Compatible
 Green color = Global SKU & Compatible
 Red dot & green color = Optimized + Global SKU