

# SuperChassis 515M-R601

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## Key Features

1. Front I/O short depth resource optimized chassis
  2. Support Proprietary WIO MB size up to 8"x10"
  3. 600W Redundant DC 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
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# Specifications

## Product SKUs

- **CSE-515M-R601** ■ SuperChassis 515M-R601

## 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 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** ■ 5x40x56mm counter-rotation PWM 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 600W Redundant short depth DC48V input redundant power supply

- **Power Efficiency** ■ 92%
- **Total Output Power and Input** ■ 600W with Input -44 - -65Vdc
- **Dimensions (L x W x H)** ■ 220 x 54.5 x 40 mm
- **Output Type** ■ Backplanes (gold finger)
- **+12V** ■ Max: 50A / Min: 0A (-44Vdc - -65Vdc)
- **+5Vsb** ■ Max: 3A / Min: 0A
- **Power Distributor** ■ PDB-PT515M-2424  
■ O/P: 12V/65  
■ +5V Max: 17A  
■ +3.3V Max: 13A  
■ -12V Max: 0A
- **Certification** ■ Typical 90%+

## Regulatory (Power Supply)

- **Power Supply Safety / EMC** ■ CCC  
■ CE/EMC  
■ FCC class A  
■ UL/CB  
■ UL/CUL

# Components

## Standard Parts List

	Part Number	Qty	Description
<b>Bracket</b>	MCP-240-51506-0B	1	Riser Card Bracket for WIO MB in SC515M
<b>Cable(s)</b>	CBL-0191L	1	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,50CM,PBF
<b>Cable(s)</b>	CBL-OTHR-1214-24	3	FAN cbl,1x4,M, to 1x4,F,14CM,3A/pin,22AWG,RoHS
<b>Cable(s)</b>	CBL-PWCD-0160-IS	2	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH
<b>Part(s)</b>	MCP-120-00116-0B	2	Blank FH L-bracket with 4x4 vent holes , Black
<b>Part(s)</b>	MCP-230-51503-0N	1	Top cover for SC515M, with 2x #6-32 thumb screw
<b>Part(s)</b>	MCP-270-51505-0N	1	1U SC515M Redundant PWS chassis base
<b>Part(s)</b>	MCP-290-00173-0N	1	SC119 Intrusion assembly upgraded version (with 3rd mounting screw hole)
<b>Fan(s)</b>	FAN-0207L4	3	40x40x56 mm , 13K-11K RPM,Counter-rotating, Hot-swappable Fan
<b>Front Panel</b>	MCP-280-80901-0N	1	SC809 FRONT CONTROL PANEL ASSY
<b>Cooling Fan &amp; Accessory</b>	MCP-320-51501-0N	2	1U hot-swap 4056 dummy fan tray for SC515M (no venting hole)
<b>Cooling Fan &amp; Accessory</b>	MCP-320-51502-0N	1	1U hot-swap 4056 fan tray for FAN-0207L4 in SC515M (with venting hole)
<b>Drive Tray(s)</b>	MCP-220-00137-0N	1	Dual 2.5 HDD bracket (bracket base follow std 2.5
<b>Power Distributor</b>	PDB-PT515M-2424	1	1U support redundancy up to 800W for SC515M chassis with ATX
<b>Part(s)</b>	MCP-260-00078-0B	1	1U I/O shield for X11 Server MB with 5X5mm vent hole and EMI Gasket, Black
<b>Power Supply &amp; Accessory</b>	PWS-601D-1R	2	-48VDC input, 12V and 5Vsb 600W output for 1U redundancy
<b>Mounting Rail(s)</b>	MCP-290-00102-0N	1set	Outer rail, quick-release type, 25.6" to 33.05"
<b>Mounting Rail(s)</b>	MCP-290-00108-0B	1 set	Inner rail, front, short (quick) for 1U 17.2
<b>Rear Window</b>	MCP-240-51505-0N	1	Rear window for SC515M Redundant PWS chassis

## Optional Parts List

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

## Servers (for CSE-515M-R601)

SYS-1019D-4C-RDN13TP+

SYS-1019D-14CN-RDN13TP+

SYS-1019D-16C-RDN13TP+

SYS-110P-FRDN2T

SYS-1019P-FRDN2T

SYS-110D-4C-FRDN8TP

SYS-110D-8C-FRDN8TP

SYS-110D-16C-FRDN8TP

SYS-110D-20C-FRDN8TP