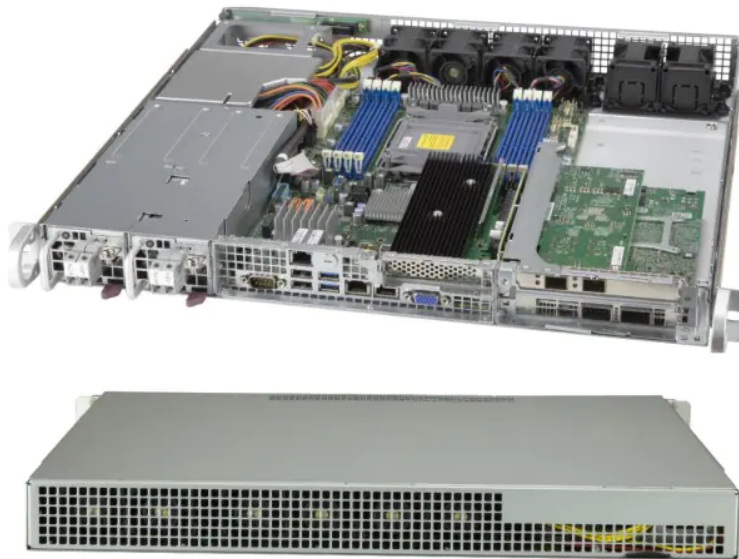


SuperChassis 515B-R601W



Key Features

- Short depth front I/O with front redundant power supply resource optimized chassis, chassis length 16.9 inches
- Support WIO MB, max MB size 12.3" x 13" and Proprietary MB 8" x 13"
- 1U 600W Redundant power supply DC48V input with PMBUS
- 2x 2.5" Internal Drive Bays
- 2x Full-height and 1x Low-profile AOC expansion slot
- 4x 40x40x56mm high-efficiency fans
(2x more optional; 6x fans maximum)

Specifications

Product SKUs

SuperChassis 515B-R601W

Form Factor

Support WIO MB, max MB size 12.3" x 13"
and Proprietary MB 8" x 13"

Processor Support

Dual and Single Intel® and AMD processors

Dimensions

Height

1.7" (43 mm)

Width

17.2" (437 mm)

Depth

16.9" (429 mm)

Gross Weight

25.2 lbs (11.43 kg)

Packaging (W x H x L)

27" (686 mm) x 8" (203 mm) x 24" (610 mm)

Available Color

No Paint

Expansion Slots

1x Low-profile expansion slot(s)
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

LED

Fan Fail/System Over Heat LED
Power LED

Systems Cooling

Fans

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

Operating Environment (System)

Operating Temperature Range

0°C - 40°C (32°F - 104°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%

Dimensions (L x W x H)

220 x 54.5 x 40 mm

Output Type

Backplanes (gold finger)

+5Vsb

Max: 3A

Power Distributor

PDB-PT514-2824

O/P: 12V/54

+5V Max: 25A

+3.3V Max: 25A

-12V Max: 0.6A

Certification

Typical 90%+

Regulatory (Power Supply)

Power Supply Safety / EMC

CCC

CE/EMC

FCC class A

UL/CB

UL/CUL

Components

* DC power supply requirement may vary based on system requirement. Please review system configuration to select a proper DC power supply model. Check [here](#) to view all Supermicro DC power supply models. Please contact Supermicro if you need any assistance.

Standard Parts List

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	MCP-180-51504-0B
Qty	1
Description	

Part(s)

Part Number	MCP-230-51401-0N
Qty	1
Description	Top cover for SC514/515

Part(s)

Part Number	MCP-270-51506-0N
Qty	1
Description	1U SC515B redundant PWS chassis base(front I/O+front PWS)

Fan(s)

Part Number	FAN-0167L4
Qty	4
Description	40x40x56 mm, 20.5K-17.6K RPM, Counter-rotating Fan for SC947 SBB and 1U Twin Pro Series Servers

Cooling Fan & Accessory

Part Number	MCP-320-00027-0B
Qty	24
Description	Plastic pin for 40x28, 40x56 fan

Cooling Fan & Accessory

Part Number	MCP-320-81801-0B
Qty	3
Description	SC818G 2x 4056 fan tray,HF,RoHS,PBF

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-220-51401-0N
Qty	1
Description	Dual 2.5 HDD bracket (bracket base not follow std 2.5" HDD screw holes)

Power Distributor

Part Number	PDB-PT514-2824
Qty	1
Description	1U redundant power distributor board for SC514, SC113 etc., (rename from PDB-PT514-1824),RoHS/REACH

Power Supply & Accessory

Part Number	PWS-601S-1R
Qty	2
Description	1U 600W Redundant DC48V input w/PMBus power supply, W54.5xH4

Mounting Rail(s)

Part Number	MCP-290-00102-0N
Qty	1set
Description	Outer rail, quick-release type, 25.6

Mounting Rail(s)

Part Number	MCP-290-00108-0N
Qty	1set
Description	Inner rail, front, short, quick-release type

Rear Window

Part Number	MCP-240-51401-0N
Qty	1
Description	I/O window for SC514 redundant PWS chassis (changeable)

Rear Window

Part Number	MCP-240-80104-1N
Qty	1

Description D-rear window, riser card bracekt +
PCI-E-bracket part

Rear Window
Part Number MCP-240-80105-1N
Qty 1
Description D-rear window, retention part

Optional Parts

Fan Kit
Part Number CBL-0296L **eStore**
Qty -
Description 4 pin to 4 pin fan extension cord,
for PWM fan. 23cm. 24AWG

Rail
Part Number MCP-290-00182-0N MCP-290-00056-0N **eStore**
Qty - -
Description 1U screw type outer rail for W 23 Quick-release outer rail for square
hole short-depth rack (19"~26.4")

Tray(s)
Part Number MCP-220-51401-0N
Qty -
Description Dual 2.5 HDD bracket (bracket base
not follow std 2.5" HDD screw
holes)

Motherboard (for CSE-515B-R601W)

Motherboard Name

X13SEW-F X13SEW-TF

● = *Most optimized Chassis for SuperServer Configuration*

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU