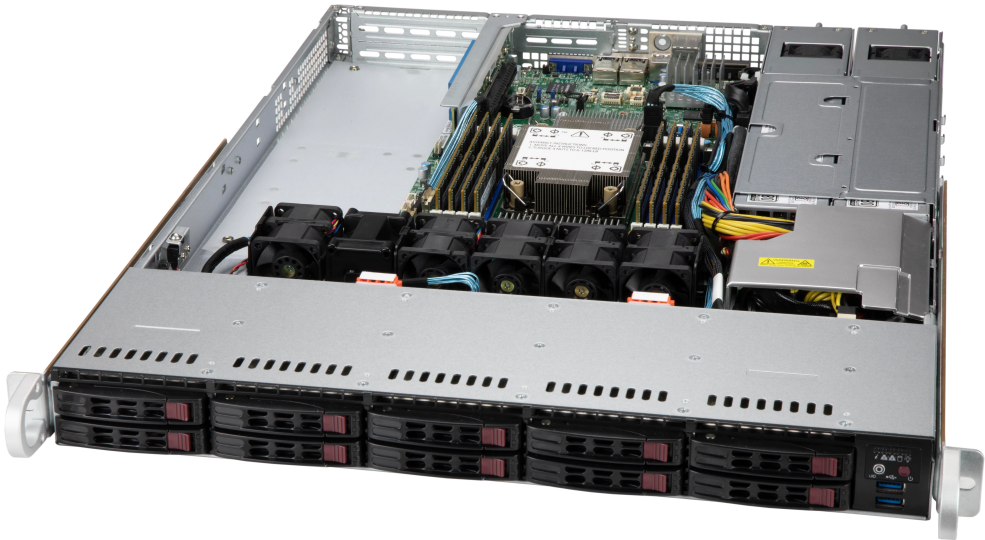


# SuperChassis 116AC10-R706WB3



## Key Features

- 1U Chassis, Support proprietary WIO MB size 8"x13" and up to 12.3"x13"
- 10 x 2.5" hot-swap SAS3/SATA drive bay
- 10-port 1U SAS3 12Gbps Hybrid backplane, support up to 10x 2.5-inch NVMe storage devices, 4 of them are SAS3/SATA3 drives compatible.
- 1U Redundant 700/750W Single Output Power Supply Platinum level, 54.5mm width
- 2 full height 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

<b>Product SKUs</b> SuperChassis <b>116AC10-R706WB3</b>
<b>Form Factor</b> 1U Chassis, Support proprietary WIO MB size 8"x13" and up to 12.3"x13"
<b>Processor Support</b> Dual and Single Intel® and AMD processors
<b>Dimensions</b> <b>Height</b> 1.7" (43 mm) <b>Width</b> 17.2" (437 mm) <b>Depth</b> 23.5" (597 mm) <b>Gross Weight</b> 40 lbs (18.14 kg) <b>Packaging (W x H x L)</b> 23.7" (602 mm) x 7.7" (196 mm) x 32" (808 mm)
<b>Available Color</b> Black
<b>Expansion Slots</b> 1x Low-profile expansion slot(s) 2x Full-height expansion slot(s)
<b>Drive Bays</b> 10x 2.5" hot-swap SAS3/SATA drive bay
<b>Backplane</b> 10-Port 1U SAS3 12Gbps Hybrid backplane, support up to 10x 2.5-inch NVMe storage devices, 4 of them are SAS3/SATA3 drives compatible.
<b>Front Panel</b> <b>Button</b> Power On/Off button Unit Identification (UID) button <b>LED</b> Power status LED HDD activity LED 2 Network Activity LEDs Unit Identification (UID) LED

<b>Systems Cooling</b> <b>Fans</b> Optional 2x fans for AOC cooling 4x 40x56mm counter-rotation PWM fan(s)
<b>System Monitoring</b> Chassis intrusion switch
<b>Operating Environment (System)</b> <b>Operating Temperature Range</b> 5°C - 35°C (41°F - 95°F) <b>Non-Operating Temperature Range</b> -40°C - 70°C (-40°F - 158°F) <b>Operating Relative Humidity Range</b> 8% - 90% (non-condensing) <b>Non Operating Relative Humidity Range</b> 5% - 95% (non-condensing)
<b>Power Supply</b> 1U Redundant 700/750W Single Output Power Supply Platinum level, 54.5mm width <b>Power Efficiency</b> 94% <b>Total Output Power and Input</b> 750W with Input 200 - 240Vac 700W with Input 100 - 140Vac <b>AC Input Frequency</b> 50-60Hz <b>Dimensions (L x W x H)</b> 320 x 54.5 x 40.25 mm <b>Output Type</b> Backplanes (gold finger) <b>+12V</b> Max: 62A / Min: 0.5A (200Vac - 240Vac) Max: 58A / Min: 0.5A (100Vac - 140Vac) <b>+5Vsb</b> Max: 3A / Min: 0A <b>Power Distributor</b> PDB-PT112-S2424 O/P: 12V/54 +5V Max: 25A +3.3V Max: 25A -12V Max: 0.6A
<b>Certification</b>  <b>Platinum Certified</b>

**Regulatory (Power Supply)**  
**Power Supply Safety / EMC**  
BSMI  
CCC  
CE/EMC  
FCC class A  
UL/CB  
UL/CUL

# 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-SAS3-116A-N10
Qty	1
Description	10-port 1U SAS3 12Gbps Hybrid backplane, support up to 10x 2.5-inch NVMe storage devices, 4 of them are SAS3/SATA3 drives compatible.
Cable(s)	
Part Number	CBL-0160L
Qty	2
Description	US POWER CORD 16AWG, PB FREE
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-PWEX-1072
Qty	2
Description	PWEX,2X2M/P4.2 TO 2X2F/P4.2,BLK*1,YEL*1,28CM,16AWG,RoHS
Cable(s)	
Part Number	CBL-PWEX-1073
Qty	2
Description	PWEX,2X2F/P4.2 TO 1X4M/P5.08,BLK*2,YEL*1,RED*1,5CM,18AWG,RoH
Part(s)	
Part Number	MCP-230-00038-0N
Qty	1
Description	Top cover with 1 mylar for SC113, 116
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-270-00023-0N
Qty	1
Description	1U SC116 chassis base(Redundant Power)
Part(s)	
Part Number	MCP-290-00173-0N
Qty	1
Description	SC119 Intrusion assembly upgraded version (with 3rd mounting screw hole) (cable length: 47mm)
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-FP116-DU3
Qty	1
Description	Front control board with two USB 3.0 for SC116/SC119X
Cooling Fan & Accessory	
Part Number	MCP-320-00027-0B
Qty	24
Description	Plastic pin for 40x28, 40x56 fan
Cooling Fan & Accessory	
Part Number	MCP-320-00028-0B
Qty	1
Description	Fan holder for 6pcs 40x56 fan, assemble-able for SC819/SC119/SC818/SC116
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-220-00047-0B
Qty	10
Description	Black gen 3rd hot-swap 2.5inch 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-120-00029-0N	
Qty	2	
Description	Blank FH L bracket without SCSI cutout for SC815,823	
Part(s)		
Part Number	MCP-120-00030-0N	
Qty	1	
Description	Blank LP L-bracket (1 raw of capsule hole)	
Power Supply & Accessory		
Part Number	MCP-250-00009-0N	
Qty	1	
Description	SC113 Redundant Power Distributor Cover	
Power Supply & Accessory		
Part Number	PWS-706P-1R	
Qty	2	
Description	1U 750W redundant power width 54.5mm(Platinum),HF,RoHS/REACH,PBF	
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-290-00063-0N	
Qty	1set	
Description	Rail set, quick/quick, default for 1U 17.2"W for SC113/SC116,RoHS/REACH	
Rear Window		
Part Number	MCP-240-00098-0N	
Qty	1	
Description	W/O rear window for SC113,SC116, SC815 Redundant PWS	

**Optional Parts**

Drive Trays		
Part Number	MCP-220-00167-0B • <a href="#">eStore</a>	MCP-220-00120-0B • <a href="#">eStore</a>
Qty	-	-
Description	Gen 3 2.5-inch Tool-less NVMe drive tray (clip design),RoHS	Tool-less Black gen-3 2.5-inch NVMe drive tray (Orange tab. PUSH button with key lock)

Rail		
Part Number	MCP-290-00056-0N • <a href="#">eStore</a>	
Qty	-	
Description	Quick-release outer rail for square hole short-depth rack (19"-26.4")	

**Motherboard (for CSE-116AC10-R706WB3)**

**Motherboard Name**  
X12SPW-TF X12SPW-F

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