




# SuperChassis 116AC2-R706WB

Products ▶ Chassis ▶ 1U ▶ [ SC116AC2-R706WB ]



### Key Features

**SAS3 12Gb/s and NVMe support**


- 700W/750W redundant Platinum Level (PWS-706) or Gold level (PWS-704) high-efficiency power supplies
- 10x 2.5" Hot-swap SAS3/ SATA3 Drive Bays
- 4x 4cm Counter-rotating PWM fans
- 2x Full-height I/O Expansion slots & 1x Low-profile I/O Expansion slot
- Supports maximum motherboard size 12" x 13"
- Optimized for 8x SAS3/2xNVMe HDDs
- Optimized for WIO motherboards
- 2x Front USB 3.0

**Available Color**

Black

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**Downloads**

Chassis Manual 

Note: Image above may show a varied configuration or optional parts. Please refer to parts list for standard parts included.

## Specifications

Product SKUs	
<b>CSE-116AC2-R706WB</b>	SuperChassis 116AC2-R706WB (Black)
Form Factor	
<ul style="list-style-type: none"> <li>1U chassis for motherboard support size of E. ATX 12" x 13" 13.68" x 13.4"</li> <li>Optimized for WIO (W series) motherboards</li> </ul>	
Processor Support	
Supports dual, single Intel® / AMD processors	
Dimensions	
<b>Height</b>	1.7" (43mm)
<b>Width</b>	17.2" (437mm)
<b>Depth</b>	23.5" (597mm)
<b>Gross Weight</b>	lb ( kg)
<b>Packaging</b>	25" (W) x 6"(H) 33" (L)
<b>Available Color</b>	Black
Expansion Slots	
<b>Without Universal I/O (UIO) Card:</b> <ul style="list-style-type: none"> <li>2 full-height &amp; full-length expansion slot(s)</li> <li>1 low-profile expansion slot(s)</li> </ul>	
Drive Bays	
<b>Internal Bay</b>	<ul style="list-style-type: none"> <li>10x 2.5" hot-swap SAS/SATA drive bay</li> <li>SAS or enterprise SATA HDD only recommended</li> </ul>

Motherboard (for CSE-116AC2-R706WB)	
X10DRW-E X10DRW-I X10DRW-N X11SSW-F	X10DRW-ET X10DRW-IT X10DRW-NT
Server(s) for SC116AC2-R706WB	
1018R-WC0R	
System Cooling	
<b>Fans</b>	4x 40x56mm counter-rotation PWM fan (Opt. 2x fans for AOC cooling)
System Monitoring	
Chassis intrusion switch	
Operating Environment (System)	
<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)
Power Supply	

Backplane	
BPN-SAS3-116A-N2: Backplane support 8x 2.5" SAS2/SAS3 /SATA3 HDD/SSD on device ID[1-8], with SGPIO. Support 2x 2.5" PCIe NVMe SSD on device ID[9-10]	
Front Panel	
<b>Buttons</b>	<ul style="list-style-type: none"> <li>Power On/Off button</li> <li>Unit Identification (UID) button</li> </ul>
<b>LEDs</b>	<ul style="list-style-type: none"> <li>2 Network Activity LEDs</li> <li>HDD activity LED</li> <li>Power Status LED</li> <li>Unit Identification (UID) LED</li> </ul>

1U 700/750W Single Output Power Supply Platinum level, 54.5mm width

**AC Voltage**

- 700W: 100 - 140 V, 50-60 Hz, 8.5-6 Amp
- 750W: 180 - 240V, 60-50 Hz, 5-3.8 Amp

**DC Output +5V standby**

- 3 Amp

**DC Output +12V**

- 700W: 58 Amp @ 100-140V
- 750W: 62 Amp @ 180-240V

**With Power Distributor**

- +5V: 25 Amp
- +3.3V: 12 Amp
- 12V: 0.6 Amp

Certification



#### Regulatory (Power Supply)

**Power Supply Safety / EMC**

- USA - UL listed, FCC
- Canada - CUL listed
- Germany - TUV Certified
- Europe/CE Mark
- EN 60950/IEC 60950-Compliant

## Components

[See Parts List](#)

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-116AC2-R706WB	1	1U Chassis (black)
Backplane	BPN-SAS3-116A-N2	1	10-Port 1U Backplane for 8x2.5" SAS3/SATA3 HDD/SSD and 2xSAS2/SATA3 HDD/SSD or NVMe SSD
Power Supply	PWS-706P-1R	2	1U 750W redundant power width 54.5mm(Platinum),HF,RoHS/REACH,PBF
Power Distributor	PDB-PT112-2420	1	SC112 20PIN REDUNDANT POWER DISTRIBUTOR
Cable 1	CBL-0160L	2	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable 2	CBL-0335L	1	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,73CM,PBF. 28AWG
Fan 1	FAN-0101L4	4	40x56,4 Pin PWM,Primary for SC809,111, Sec.for SC816,819,808
Front Panel	FPB-FP116-DU3	1	Front control board with two USB 3.0 for SC116/SC119X
Part(s)	MCP-120-00029-0N	2	Blank FH L bracket without SCSI cutout for SC815,823
Part(s)	MCP-120-00030-0N	1	Blank LP L-bracket (1 raw of capsule hole)
Drive Tray(s)	MCP-220-00047-0B	10	Black gen 3rd hot-swap 2.5inch HDD tray
Rear Window	MCP-240-00098-0N	1	WIO rear window for SC113, SC815 Redundant PWS
Mounting Rails	MCP-290-00063-0N	1set	Rail set, quick/quick, default for 1U 17.2"W for SC113/SC116,RoHS /REACH
Air Shroud	MCP-310-19002-0N	1	SC815/113/116 Intel DP X9, X8 PC air shroud, 12x13MB
Fan Holder	MCP-320-00027-0B	24	Plastic pin for 40x28, 40x56 fan
Fan Holder	MCP-320-00028-0B	1	Fan holder for 6pcs 40x56 fan, assemble-able for SC819/SC119 /SC818/SC116
Fan Holder	MCP-340-00035-0B	2	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)

Optional Parts List			
	Part Number	Qty	Description
Rail	MCP-290-00056-0N	--	Quick-release outer rail for square hole short-depth rack (19"~26.4")

[Hide Parts List](#)

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