

SuperChassis 116TQ-R700WB

Products
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Chassis
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1U
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[SC116TQ-R700WB]

Key Features

- 700W Redundant Power Supplies **80 PLUS, Gold Level Certified**
- 10x 2.5" Hot-swap SAS / SATA 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 VMO motherboards

Available Colors

Black

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

Specifications

Product SKUs	CSE-116TQ-R700WB SuperChassis 116TQ-R700WB (Black)												
Form Factor	1U chassis support for max. motherboard size - 12" x 13" E-ATX - Optimized for VMO (W series) motherboards												
Processor Support	Supports dual Intel® / AMD processors												
Dimensions	<table> <tr> <td>Height</td><td>1.7" (43mm)</td></tr> <tr> <td>Width</td><td>17.2" (437mm)</td></tr> <tr> <td>Depth</td><td>23.5" (597mm)</td></tr> <tr> <td>Packaging</td><td>25" (W) x 6" (H) x 33" (L)</td></tr> <tr> <td>Gross Weight</td><td>40 lbs (18.2 kg)</td></tr> <tr> <td>Available Color</td><td>Black</td></tr> </table>	Height	1.7" (43mm)	Width	17.2" (437mm)	Depth	23.5" (597mm)	Packaging	25" (W) x 6" (H) x 33" (L)	Gross Weight	40 lbs (18.2 kg)	Available Color	Black
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Expansion Slots	2x Full-height Expansion Slots (Riser Card Required) 1x Low-profile Expansion Slot (Riser Card Required)												
Drive Bays	10x Hot-swap 2.5" SAS / SATA HDD tray Hot-swap SAS or enterprise SATA HDD only recommended												
SAS / SATA Backplane	1x 1U SAS / SATA backplane with SES2 BPN-SAS-116TQ Manual												
Front Panel	<table> <tr> <td>Buttons</td><td> - Power On/Off button - UID button </td></tr> <tr> <td>LEDs</td><td> - Power status LED - HDD activity LED 2x Network activity LEDs - Universal Information (UID) LED </td></tr> </table>	Buttons	- Power On/Off button - UID button	LEDs	- Power status LED - HDD activity LED 2x Network activity LEDs - Universal Information (UID) LED								
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System Cooling	Fans 4x 40x56mm Counter-rotating PWM fans (Opt. 2x fans for AOC cooling)												
Operating Environment (System)	<table> <tr> <td>Operating Temperature Range</td><td>5°C - 35°C (41°F - 95°F)</td></tr> <tr> <td>Non-Operating Temperature Range</td><td>-40°C - 70°C (-40°F - 158°F)</td></tr> <tr> <td>Operating Relative Humidity Range</td><td>8% - 90% (non-condensing)</td></tr> <tr> <td>Non-Operating Relative Humidity Range</td><td>5% - 95% (non-condensing)</td></tr> </table>	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)				
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Power Supply	700W/750W Redundant AC-DC high-efficiency power supply with PMBus and I2C <table> <tr> <td>AC Voltage</td><td> 700W: 100 - 140 V, 50-60 Hz, 8.5-6 Amp 750W: 180 - 240V, 60-50 Hz, 5-3.8 Amp </td></tr> <tr> <td>DC Output +5V standby</td><td> 3 Amp </td></tr> <tr> <td>DC Output +12V</td><td> 700W: 58 Amp @ 100-140V 750W: 62 Amp @ 180-240V </td></tr> <tr> <td>With Power Distributor</td><td> +5V: 25 Amp +3.3V: 25 Amp -12V: 0.6 Amp </td></tr> </table>	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: 25 Amp -12V: 0.6 Amp				
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Certification	80PLUS Gold Certified												
Regulatory (Power Supply)	- USA - UL listed, FCC - Canada - CUL listed - CCC Certification - EN 60950/IEC 60950-Compliant - Europe/CE Mark - Germany - TUV Certified												
Power Supply Safety / EMC													

Components

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-116TQ-R700WB	1	1U Chassis (Black)
Backplane	BPN-SAS-116TQ	1	BPN-SAS-116TQ
Cable 1	CBL-0206L	2	48CM SATA ROUND S-S PBF
Cable 2	CBL-0227L	2	48CM SATA ROUND S-RA PBF
Cable 3	CBL-0157L	3	8pin to 8pin ribbon cable with tube for SGPIO, 40cm, PBF
Power Supply	PWS-704P-1R	2	1U REDUNDANT PWS PMBUS GOLD EFFICIENCY 54.5MM
Power Distributor	PDB-PT112-2420	1	SC112 20PIN REDUNDANT POWER DISTRIBUTOR
Air Shroud	MCP-310-19002-0N	1	SC815/113/116 Intel DP X9, X8 PC air shroud, 12x13MB
Accessory	MCP-420-11601-0N	1	Accessory Box For SC116 Chassis W/ith Two Power Cords
Cable 4	CBL-0335L	1	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,70CM,PBF
Cable 5	CBL-0263L	1	2CH USB 2.0 10p to 10p cable, 77cm
Fan 1	FAN-0101L4	4	40x56,4 Pin PWM,Primary for SC809,111, Sec.for SC816,819,808
Fan Holder	MCP-340-00035-0B	2	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)
Fan Holder	MCP-320-00028-0B	1	Fan holder for 6pcs 40x56 fan, assemble-able
Drive Tray(s)	MCP-220-00047-0B	10	Black gen 3rd hot-swap 2.5inch HDD tray
Part(s)	MCP-120-00030-0N	1	Blank LP L-bracket (1 raw of capsule hole)
Part(s)	MCP-120-00053-0N	2	Blank FH L bracket w/o SCSI cutout for SC825,836,846,743
Mounting Rails	MCP-290-00111-0N	1	Inner rail, extension, long, screw type
Mounting Rails	MCP-290-00107-0N	1	Inner rail, front, short, screw type
Mounting Rails	MCP-290-00101-0N	1	Outer rail, screw type, 25.6" to 33.05"
Rear Window	MCP-240-00098-0N	1	VMO rear window for SC113, SC815 Redundant PWS