SuperChassis 116TQ-R700CB

Key Features

1. 700W High-Efficiency Gold Level Redundant Power Supplies
2. 10x Hot-swap 2.5" SAS/SATA HDD tray
3. 1x Full-height, Full-length expansion slot
4. 4x 40x56mm counter-rotating fans
5. Supports maximum motherboard size 12" x 13"
6. Optimized for DP motherboards

Available Colors

Black

Specifications

Product SKUs

CSE-116TQ-R700CB	SuperChassis 116TQ-R700CB (**Black**)

Form Factor

23.5" Depth 1U Rackmount Chassis- support for maximum motherboard sizes of 12" x 13"

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

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

Expansion Slots

- 1x Full-height and Full-length PCI expansion slot

Drive Bays

Hot-swap	10x Hot-swap 2.5" SAS / SATA HDD tray SAS or enterprise SATA HDD only recommended

SAS / SATA Backplane

1x 1U SAS / SATA backplane with SES2

Front Panel

Buttons	Power On/Off button UID button
LEDs	Power status LED HDD activity LED 2x Network activity LEDs Universal Information (UID) LED
Ports	2x USB ports

System Cooling

Fans	4x 40x56mm Counter-rotating PWM fans (Optional 2x fans for AOC cooling)

Operating Environment (System)

Operating Temperature Range	10 - 35°C (50° - 95°F)
Non-Operating Temperature Range	-40 - 70°C (-40° - 158°F)
Humidity Range	8 - 90% non-condensing
Non-Operating Humidity Range	5 - 95% non-condensing

Power Supply

700W/750W Redundant AGDC high-efficiency power supply with PMBus and I2C

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
Certification	80PLUS Gold Certified

Regulatory (Power Supply)

Power Supply Safety / EMC	USA - UL listed, FCC Canada - CUL listed CCC Certification EN 60950/IEC 60950 Compliant Europe/CE Mark Germany - TUV Certified

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-116TQ-R700CB	1	1U Chassis (**Black**)
Backplane	BPN-SAS-116TQ	1	BPN-SAS-116TQ
Cable 1	CBL-0206L	2	48CM SATA ROUND SS PBF
Cable 2	CBL-0157L	3	8pin to 8pin ribbon cable with tube for SGPIO, 40cm, PBF
Cable 3	CBL-0227L	2	48CM SATA ROUND SRA PBF
Power Supply	PWS-704P-1R	2	1U REDUNDANT PWS PMBUS GOLD EFFICIENCY 54.5MM
Power Distributor	PDB-PT112-2424	1	SC112 24PIN REDUNDANT PWS 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 With Two Power Cords
Cable 4	CBL-0263L	1	2CH USB 2.0 10p to 10p cable, 77cm
Cable 5	CBL-0335L	1	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,70CM,PBF
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
Mounting Rails	MCP-290-00043-0V	1	Rail set for SC113
Rear Window	MCP-240-00086-0N	1	STD rear window for SC113 redundant PWS

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