SuperChassis 815TQ-R700CB

Key Features

1. 700W High efficiency Redundant Power Supplies
2. 4x 3.5" Hot-swap SAS/SATA Drive Bays
3. 1x Slim DVD ROM Drive (optional)
4. 4x Counter-rotating Fans
5. 1x Full-size, Full-length I/O Expansion Slot
6. Power Switch, Reset Button & 5 LED Indicators
7. Full SES2 support is available with SAS motherboards and other compatible components.

Available Colors

Black

Downloads

Chassis Manual

Specifications

Product SKUs	
CSE-815TQ-R700CB	SuperChassis 815TQ-R700CB (**Black**)

Form Factor
1U chassis support for max. motherboard size - 12" x 13"

Processor Support
Supports dual Intel® / AMD processors

Dimensions	
Height	1.7" (43mm)
Width	17.2" (437mm)
Depth	25.6" (650mm)
Gross Weight	36 lbs (16.4kg)
Package	23.5" x 8.5" x 33.7"
Available Colors	Black

Expansion Slots
• 1x full-height, full-length PCI expansion slot (Riser Card Required)

Drive Bays	
Hot-swap	4x 3.5" SAS / SATA Hot-swap drive trays SAS or enterprise SATA HDD only recommended

SAS / SATA Backplane
1x 1U SAS / SATA backplane

Peripheral Drives	
DVD-ROM	Slim DVD-ROM drive (optional)

Front Panel	
Buttons	Power On/Off button System Reset button
LEDs	Power LED Hard drive activity LED 2x Network activity LEDs System Overheat LED
Ports	2x USB & DB9 COM port tray (Optional - in place of floppy drive)

System Cooling	
Fans	4x 4cm Counter-rotating PWM fans

Operating Environment (System)	
Operating Temperature Range	10 - 35°C (50° to 95° F)
Non-Operating Temperature Range	-40 - +70°C (-40° to 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	USA - UL listed, FCC Canada - CUL listed China - CCC Mark
Safety / EMC	Europe/CE Mark EN 60950/IEC 60950 Compliant Germany - TUV Certified

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-815TQ-R700CB	1	1U Chassis (**Black**)
Backplane	BPN-SAS-815TQ-O-P	1	BPN-SAS-815TQ-O-P
Cable 1	CBL-0157L	1	8pin to 8pin ribbon cable with tube for SGPIO, 40cm, PBF
Cable 2	CBL-0180L-01	1	SATA SET OF 470/59/48/38CM ROUND 5RA, 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-310-18002-0N	1	SC815/113 Intel DP X8.X7 PC air shroud 12x13MB
Accessory	ACC815-00-2B	1	Accessories Box for SC815 with two power cords and FDD acc.
Cable 3	CBL-0087	1	Front ctrl cable ROUND 16 TO 16 PIN RIBBON 20"(50cm)
Peripheral Drive 1	CSE-PT93L-B	1	Black DVD dummy cover for SC813, 813M, 815, PBF-RoHS
Fan 1	FAN-0086L4	4	40x56 4Pin PWM, Primary for SC815, Secondary for SC818, 825M
Front Panel	MCP-280-81301-0N	1	Non-U front control board (FP813) for SC510,808,813,815,818
Fan Holder	CSE-PT0135	1	FAN HOLDER FOR SIX 40X56MM COUNTER ROTATING FANS
Drive Tray(s)	MCP-220-00024-0B	4	Black gen 5 hot-swap 3.5" HDD tray (w/ plastic rails)
Part(s)	MCP-260-00024-0N	1	1U I/O shield for X8 server MB (3rd LAN + 4xLAN)
Mounting Rails	CSE-PT51	1	Silver chassis rail set for SC813,814,815,816,819
Rear Window	MCP-240-00086-0N	1	STD rear window for SC113 redundant PWS

Optional Parts List

	Part Number	Qty	Description
Front Tray	CSE-PT40(B)	-	Front USB and COM tray (Occupies Slim Floppy Drive Location)
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Mounting Rails	MCP-290-00056-0N	-	19" to 26.4" outer rail, /quick, for 1U 17.2" W chassis
	MCP-290-00052-0N-BULK	-	25.6" to 33.05" outer rail, /quick, for 1U 17.2" W chassis (10 sets/pk)
	MCP-290-00054-0N	-	25.6" to 33.05" rail set, quick/quick, for 1U 17.2" W chassis
Peripheral Drives	FPD-TEAC-S(B)	-	TEAC 3.5" 1.44MB Slim Floppy Drive (B = black)
	CSE-PT91L	-	Slim FDD kit (include backplane, cable)
Peripheral Drives	DVM-PNSG824B	-	Black slim IDE DVD (8x DVD, 24x CDR), Panasonic
	CSE-PT92L	-	Slim IDE DVD kit (include backplane, cable)
Peripheral Drives	DVM-TEAC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
	DVM-TEAC-DVD-SBT1	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSG-DVD-SBT1	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	MCP-220-81502-0N	-	Slim SATA DVD kit (include backplane, cable)
Trays	MCP-220-83601-0B	-	Black FDD dummy tray, supports 1x 2.5" slim HDD (9.6mm thick)
	MCP-290-00036-0B	-	Black DVD dummy tray, supports 1x 2.5" slim HDD (9.6mm thick)
Front Bezel (Compatibility Table)	CSE-PTFB-813LB (black) CSE-PTFB-813 (beige) MCP-210-00007-01 (LCD)	-	Front Bezel Cover with Key Lock & Filter, Black, Beige, LCD options

* For OEMs Only- Minimum quantity required. Please contact your Supermicro Sales representative for additional details.

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