

SuperChassis 815TQ-563CB

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Key Features

1. 560W High-efficiency Power Supply **Gold Level Certified**
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

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

Specifications


Product SKUs	
CSE-815TQ-563CB	▪ SuperChassis 815TQ-563CB (Black)
Form Factor	
1U chassis support for max. motherboard size - 12" x 13" and 13.68" x 13"	
Processor Support	
Supports dual, single Intel® / AMD processors	
Dimensions	
Height	▪ 1.7" (43mm)
Width	▪ 17.2" (437mm)
Depth	▪ 25.6" (650mm)
Gross Weight	▪ 36 lbs (16.4kg)
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)

Motherboard(s) for CSE-815TQ-563CB		
X8DT3	X8DT3-F	X8DT3-LN4F
X8DT6	X8DT6-F	X8DTE
X8DTE-F	X8DTI	X8DTI-F
X8DTI-LN4F	X8DTN+	X8DTN+LR
Server(s) for SC815TQ-563CB		
6016T-6F		
System Cooling		
Fans	▪ 4x 4cm Counter-rotating PWM fans	
Operating Environment (System)		
Operating Temperature Range	▪ 5°C ~ 35°C (41°F ~ 95°F)	
Non-Operating Temperature Range	▪ -40°C ~ 60°C (-40°F ~ 140°F)	
Operating Relative Humidity Range	▪ 8% ~ 90% (non-condensing)	
Non-Operating Relative Humidity Range	▪ 5% - 95% (non-condensing)	
Power Supply		
560W AC power supply w/ PFC (24-pin)		
AC Voltage	▪ 100-240 V, 50-60 Hz, 7.5 Amp max	
+5V	▪ 18 Amp	
+5V standby	▪ 3 Amp	
+12V	▪ 46 Amp @ 100-180V; 49 Amp @ 180-240V	
-12V	▪ 0.5 Amp	
+3.3V	▪ 15 Amp	
Certification	Gold Certified	
Regulatory (Power Supply)		
Power Supply Safety / EMC	▪ USA - UL listed, FCC ▪ Canada - CUL listed ▪ China - CCC Mark ▪ Europe/CE Mark	

- EN 60950/IEC 60950-Compliant
- Germany - TUV Certified

Components

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-815TQ-563CB	1	1U Chassis (Black)
Backplane	BPN-SAS-815TQ-O-P	1	1U Backplane (4x 3.5" SAS / SATA)
Power Supply	PWS-563-1H	1	1U 560W MULTI OUTPUT 80+ GOLD PWS 24PIN
Accessory	ACC815-00-1C	1	Accessories Box for SC815 with one power cord and CD/FDD acc.
Cable 1	CBL-0071L	1	ROUND 16 pin TO 16 PIN RIBBON FP CABLE 75cm. 28AWG
Peripheral Drive	CSE-PT93L-B	1	Black DVD dummy cover for SC813, 813M, 815, PBF-RoHS
Fan	FAN-0086L4	4	40x56 4Pin PWM, Primary for SC815, Secondary for SC818, 825M
Floppy Disk & accessory	CSE-PT94L-B	1	Black FDD or USB tray dummy cover for SC813,813M,815,818 PBF
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 Trays	MCP-220-00075-0B	4	Black gen 5.5 hot-swap 3.5" HDD tray
Mounting Rails	CSE-PT51L	1	Silver chassis rail set for SC813,814,815,816,819
Rear Window	MCP-240-00085-0N	1	STD rear window for SC113 single PWS
Air Shroud	MCP-310-19001-0N	1	SC815/113/116 Intel DP X9, X8 PC air shroud,1368x13/12x13MB

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/pack)
	MCP-290-00054-0N	-	25.6" to 33.05" rail set, quick/quick, for 1U 17.2" W chassis
Peripheral Drives	DVM-TEAC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), Panasonic
	DVM-TEAC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	CSE-PT92L	-	Slim IDE DVD kit (include backplane, cable)
Peripheral Drives	MCP-220-81502-0N	-	Slim SATA DVD kit (include backplane, cable)
	FPD-TEAC-S(B)	-	TEAC 3.5" 1.44MB Slim Floppy Drive (B = black)
Trays	CSE-PT91L	-	Slim FDD kit
	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)	-	 <p>Front Bezel Cover with Key Lock & Filter, Black, Beige, LCD options</p>
LCD/OLED Solutions	-	-	Please reference the LCD/OLED Display Solutions for details
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray

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

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