

SuperChassis 743TQ-865B-SQ

CSE-743TQ-865B-SQ



Alternate View



Side Handles Not Included
(Available with Optional Rail Kit)

Available Colors

Black

- Key Features**
- **Whisper Quiet System Chassis (28dB)**
 - 1. 865W Super Quiet High Efficiency Power Supply
 - 2. 8x 3.5" SAS / SATA Hot-swappable Drive Bays
 - 3. 2x 5.25" Peripheral Drive Bays
 - 4. 1x 5.25" Drive Bay For 3.5" Drive
 - 5. 100% Cooling Redundancy with Adjustable Air Shroud
 - 6. 2x Front USB Ports
 - 7. Locking Side Panel & Bezel with Filter
 - 8. Power Switch, Reset Switch & 6x LED Indicators
 - 4x 6-pin Power Connectors
 - 9. 90-degree rotatable 5 1/4" Bay module

Specifications

Product SKUs

CSE-743TQ-865B-SQ (Black) SuperChassis 743TQ-865B-SQ

Form Factor

4U chassis support for max. motherboard size - 12" x 13" E-ATX

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height	7.0" (178mm)
Width	17.8" (452mm)
Depth	25.5" (648mm)
Gross Weight	56 lbs (25.4kg)
Available Colors	Black

Expansion Slots

System Cooling

Fans 2x Super Quiet PWM Chassis Fans
1x Super Quiet Rear Fan

System Monitoring

Chassis intrusion switch

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

865W AC power supply (cooling-redundant) w/ PFC
AC Voltage 100 - 240V, 50-60Hz, 12-6 Amp
+5V standby 6.5 Amp

7x Full-height, Full-length PCI expansion slots

Drive Bays

Hot-swap	Bays	8x 3.5" SAS / SATA Hot-swap Drive
		SAS or enterprise SATA HDD only recommended
Peripheral Bay(s)		2x 5.25" Peripheral Drive Bay 1x 5.25" Bay for 3.5" Device Drive Bays are 90° Rotatable

SAS / SATA Backplane

SAS / SATA Hard Drive Backplane w/AMI MG9072

Front Panel

Buttons	Power On/Off button
	System Reset button
LEDs	Power LED
	Hard drive activity LED
	2x Network activity LEDs
	System Overheat LED
	Power Fail LED
Ports	2x USB Ports

+12V	70 Amp
+5V	30 Amp
+3.3V	30 Amp
-12V	1 Amp

Certification



[80 PLUS Certified](#)

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
	CB report ready

Package Content

Standard Parts List

	Part Number	Qty	Description
SC743TQ-865 Chassis Backplane	CSE-743TQ-865B-SQ	1	4U Chassis (Black)
	CSE-SAS-743TQ	1	SAS / SATA Hard Drive Backplane
Cable(s)	CBL-0044L	1	SATA Cable (2 Ft, Amphenol)
	CBL-0087	1	Front Panel Ribbon Cable
	CBL-0084	1	6" Split Converter Cable
	CBL-0157L	1	8-pin to 8-pin Ribbon Cable for SGPIO (Supports Up to 4 Drives)
	CBL-0216L	4	4 to 4-pin middle fan power extension cable, 200mm (PWM)
Fan(s)	FAN-0104L4	2	80x25, SC743 Super Quite chassis fan, 4-pin PWM fan assembly
	FAN-0103L4	1	92x25, SC743 Super Quite rear fan, 4-pin PWM fan assembly
Hard Drive Bays	CSE-PT17-B	8	Black Hot-swappable drive tray
Power Supply	PWS-865-PQ	1	865W Super Quiet High Efficiency Power Supply

Optional Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-48002-ON	-	SC743 Intel DP X8.X7 mainboard air shroud for passive CPU heatsink
	MCP-310-74301-ON	-	[Manual] Air shroud for fully-buffer DIMMs (For X7 mainboard with active CPU heatsink use only)
Cable	CBL-0157L	-	8-pin to 8-pin Ribbon Cable for SGPIO (For Additional Drives)
Cable	CBL-0286L	-	4 to 4 pin rear fan pwr ext w/ square header, 30cm

			(PWM)
Fan(s)	FAN-0082L4	-	80x38mm 4-pin PWM fan
	FAN-0091L4	-	92X38mm 4-pin PWM fan
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Mounting Rails	CSE-PT26L-B	-	4U Chassis Rail Kit (Includes Side Handles) (B = Black); 26.0" - 35.9"
Peripheral Drives	MCP-450-73101-0B	-	Card Reader
	DVM-SONY-DVDRW-HB	-	Black Sony Half-height DVD-RW IDE Drive, RoHS
	DVM-LITEONFH-DVDRWB	-	Black Liteon Half-height DVD-RW Drive, RoHS
	DVM-LITE-DVDRW-HBT	-	Black Liteon Half-height DVD-RW SATA Drive, RoHS
	DVM-LITE-DVD-HBT	-	Black Liteon Half-height DVD-RW SATA Drive, RoHS
Active Heatsink	SNK-P0034AP4	-	Active Heatsink - 25dB