

SuperChassis 842TQ-865B



Key Features

1. 865W High Efficiency Power Supply
 2. 5x 3.5" HDD Bays
 3. 3x 5.25" Peripheral Drive Bays
 4. 1x Slim DVD-ROM Drive Bay
 5. 7x Full-height, Full-length Tool-less Expansion Slots
 6. Dual channel Air Duct design
 7. 2x Front USB 2.0 Ports & 1x Com port
 8. Optional Front Bezel with Removable Air Filter
 9. Power Switch, Reset Switch & 6x LED Indicators
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► **Chassis Manual**
► **Optimization**

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

Specifications

Product SKUs - Discontinued SKU. Please contact sales-rep for possible OEM production quantities. MOQ may apply

CSE-842TQ-865B ■ SuperChassis 842TQ-865B

Form Factor

- 4U rackmount chassis - supports for maximum motherboard sizes: 12" x 13" E-ATX/ATX/MicroATX

Processor Support

- Dual and Single Intel® and AMD processors

Dimensions

Height	■ 7" (178 mm)
Width	■ 17.2" (437 mm)
Depth	■ 20.5" (521 mm)
Net Weight	■ 36 lbs (16.33 kg)
Gross Weight	■ 46 lbs (20.87 kg)
Packaging (W x H x L)	■ 26.4" (671 mm) x 13.8" (351 mm) x 31.5" (800 mm)
Available Color	■ Black

Expansion Slots

- 7 full-height & full-length expansion slot(s)

Drive Bays

- 5 x 3.5" hot-swap SAS/SATA

Backplane

- 5-port 4U SC842 rackmount chassis SAS backplane (w/ enclosure management), support up to 5x 3.5-inch SAS/SATA HDD

Peripheral Drives

- 3 x standard 5.25" drive bay

Front Panel

Buttons	■ Power On/Off button ■ System Reset Button
LEDs	■ 2 Network Activity LEDs ■ Fan Fail/System Over Heat LED ■ HDD activity LED ■ Power Status LED
Ports	■ 2x USB 2.0 Port(s)

Systems Cooling

- Fans**
- 1 x 9cm hot-swap cooling fan(s)
 - 2 x 8cm hot-swap exhaust fan(s) & air shroud

System Monitoring

- Chassis intrusion switch

Operating Environment (System)

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)

Power Supply

PS2/ATX 865W Multi-Output Power Supply with redundant cooling fan and SMBus

Power Efficiency	■ 88%
Total Output Power and Input	■ 865W with Input 100 - 240Vac
AC Input Frequency	■ 50-60Hz
Dimensions (L x W x H)	■ 185 x 150 x 86 mm
Output Type	■ 24pin ATX
-12V	■ Max: 1A / Min: 0A
+12V	■ Max: 70A / Min: 1A (100Vac - 240Vac)
+5V	■ Max: 30A / Min: 0.3A
+3.3V	■ Max: 30A / Min: 0.3A
+5Vsb	■ Max: 6.5A / Min: 0A
+12Vsb	■ Max: NAA

Certification



Certified

Regulatory (Power Supply)

- Power Supply Safety / EMC**
- BSMI
 - CCC
 - CE/EMC
 - FCC class B
 - TUV/CB
 - UL/CUL

Components

Standard Parts List

	Part Number	Qty	Description
HD Backplane	BPN-SAS-842TQ	1	5-port 4U SC842 rackmount chassis SAS backplane (w/ enclosure management), support up to 5x 3.5-inch SAS/SATA HDD
Cable(S)	CBL-0044L	5	57.5CM SATA FLAT S-S PBF
Cable(S)	CBL-0084L	1	16PIN FRONT CTRL SPLIT CONVECTOR 6",PB FREE
Cable(S)	CBL-0087	1	CBL,FRONT CNTL,16 TO 16 PIN,Ribbon,50CM
Cable(S)	CBL-0160L	1	US POWER CORD 16AWG, PB FREE
Cable(S)	CBL-0286L	2	4 TO 4 PIN REAR FAN PWR EXT W/ SQUARE HEADER, 30CM (PWM)
Cable(S)	CBL-0336L	1	57CM, 4 PIN MIDDLE FAN POWER EXTENSION (PWM)
Fan(s)	FAN-0082L4	2	80x80x38 mm 4-pin PWM Fan Assembly for SC743, SC745
Fan(s)	FAN-0097L4	1	92x92x38 mm, 5K RPM, 4-pin PWM w/ Housing for SC842
Fan(s)	MCP-340-00012-0N	1	
Cooling Fan & Accessory	MCP-320-00014-0N	1	FAN-0090L4 Rev. A Fan Housing Assembly
Drive Tray(s)	MCP-220-00075-0B	5	Black gen 5.5 hot-swap 3.5"; HDD tray
Power Supply & Accessory	PWS-865-PQ	1	865W PS2 POWER SUPPLY W/2 8CM FANS

Optional Parts List

	Part Number	Qty	Description
Mounting Rail	MCP-290-00059-0B	-	4U Chassis Rail Kit (Includes Side Handles)
Short Rail	MCP-290-00058-0N	-	Short rail set, quick release, 19" to 26.6"
Cable	CBL-0153L	-	6 pin to 2x big 4 pin GPU power extension from PDB, 16cm, 20AWG
Mobile Rack	CSE-M28SACB	-	Black SAS3/SATA3 Mobile Rack for 8x 2.5" HDD with fan module,HF,RoHS/REACH
Rail	MCP-290-00057-0N	-	Rail set, quick/quick, default for 4U 17.2
Front Bezel	MCP-210-84201-0B	-	Black 4U Plastic Front Bezel Assembly (w/ Lock) for SC842
Add-on Card Holder (9 slots)	MCP-420-84202-0N	-	Add-On Card Holder (7 Slots) for SC842
LCD	MCP-220-00095-0B	-	Black 5.25 LCD tray wo rail, support 1x 3.5 HDD
Tray(s)	MCP-220-00131-0B	-	Black service/ID tag tray for slim DVD bay

Motherboard (for CSE- 842TQ-865B)

X9DRL-3FX9SRiX9SRH-7FH8DCL-6X9SRi-FH8SCMX9SCLX9SCM-FH8SML-iFX9DB3-TPEX9DRL-iFX9SRi-3FX9SRH-7TFH8DCL-6FX9SRE-FH8SCM-FX9SCL-FX9SCI-LN4H8SML-iX9DB3-FX9DBL-3FX9SREX9SCM-iFH8DCL-iH8SGLX9DBL-3X9SCL+-FH8SML-7FX9DRL-7FX9DBi-TPEX9DBL-iFX9SRE-3FX9SRL-FH8DCL-iFH8SGL-FX9DBL-iX9SCMH8SML-7X9DRL-EFX9DBi-F

<u>X10SL7-F</u>	<u>X10SLM+-LN4F</u>	<u>X10SLM+-F</u>	<u>X10SLH-F</u>
<u>X10SLM-F</u>	<u>X10SLL-F</u>	<u>X10SLL-S</u>	<u>X10SLL-SF</u>
<u>X10SLA-F</u>	<u>X10SLL+-F</u>	<u>X10DRL-i</u>	<u>X10SLX-F</u>
<u>X10SRL-F</u>	<u>X10SRi-F</u>	<u>X10DRi</u>	<u>X10SRH-CF</u>
<u>X10SRH-CLN4F</u>	<u>X10DRi-T</u>	<u>X10DRL-CT</u>	<u>X10DRL-iT</u>
<u>X10DRL-C</u>	<u>X10DRL-LN4</u>	<u>X11SPA-T</u>	<u>X9DR3-F</u>
<u>X9DRi-F</u>			

 = Most optimized Chassis for SuperServer Configuration
Blue color = Compatible
Green color = Global SKU & Compatible
Red dot & green color = Optimized + Global SKU