

SuperChassis 842TQC-865B



Key Features

1. **Coming Soon**
865W High Efficiency Power Supply
 2. 5x SAS3 3.5" HDD Bays
 3. 3x 5.25" Peripheral Drive Bays
 4. 1x Slim DVD-ROM Drive Bay
 5. 5.7x Full-height, Full-length Tool-less Expansion Slots
Dual channel Air Duct design
 6. 2x Front USB 3.0 Ports & 1x Com port
 7. Optional Front Bezel with Removable Air Filter
 8. 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

- CSE-842TQC-865B
 - SuperChassis 842TQC-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)	25.6" (650 mm) x 13.5" (343 mm) x 29" (737 mm)
Available Color	Black

Expansion Slots

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

Drive Bays

- 5 x 3.5" hot-sw ap SAS/SATA

Backplane

- 4U 5-Port Backplane Supports 5x3.5" SAS3/SATA3 HDD/SSD for X11 Platform,HF,RoHS

Peripheral Drives

- 3 x standard 5.25" drive bay
- Optional 1 x slim DVD-ROM 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 3.0 Port(s)

Systems Cooling

- | | |
|------|--|
| Fans | <ul style="list-style-type: none">1 x 9cm hot-sw ap cooling fan(s)Front, 5K RPM2 x 8cm hot-sw ap redundant PWM cooling fan(s)Rear, 9.4K RPM |
|------|--|

System Monitoring

- Chassis intrusion sw itch

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 Pow er Supply w ith 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



Regulatory (Power Supply)

- | | |
|---------------------------|---|
| Power Supply Safety / EMC | <ul style="list-style-type: none">BSMICCCCE/EMCFCC class BTUV/CBUL/CUL |
|---------------------------|---|

Components

Standard Parts List

	Part Number	Qty	Description
HD Backplane	BPN-SAS3-842TQ	1	4U 5-Port Backplane Supports 5x3.5" SAS3/SATA3 HDD/SSD for X11 Platform,HF,RoHS
Cable(S)	CBL-0084L	1	CBL,FRONT CNTL,SPLIT,16 PIN,W/CONVERTER HEAD,15CM,26AWG
Cable(S)	CBL-0087	1	CBL,FRONT CNTL,16 TO 16 PIN,Ribbon,50CM
Cable(S)	CBL-0160L	1	NEMA5-15P to C13 US pow er cord 16AWG 6ft, PBF (default for high w att)
Cable(S)	CBL-0286L	2	4 to 4 pin rear fan pw r ext w / square header, 30cm (PWM). 24AWG
Cable(S)	CBL-0336L	1	4 pin to 4 pin MIDDLE FAN POWER EXTENSION (PWM) 57CM,24A WG
Cable(S)	CBL-0484L	5	SATA,INT,ROUND,ST-ST,55CM,30AWG
Cable(S)	CBL-CUSB-0621	1	19p Female to 2x USB 3.0 type A cable, 70cm
Cable(S)	CBL-CUSB-0621-1	1	USB 3.0(F) Type A 2x to USB3.0 20pin,70CM,26/30AWG,RoHS
Fan(s)	FAN-0097L4	1	92x92x38 mm, 5K RPM, 4-pin PWM w / Housing for SC842
Fan(s)	FAN-0180L4	2	80x80x38 mm, 9.4K RPM, Hot-sw appable Rear Exhaust Fan for X11 Purley Platform New ly Enabled 4U Chassis
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-sw ap 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, 19.6"~26.9" Extendable Length
Cable	CBL-0153L	-	6 pin to 2x big 4 pin GPU pow er extension from PDB, 16cm, 20AWG
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
Mobile Rack	CSE-M28SACB	-	Black SAS3/SATA3 Mobile Rack for 8x 2.5" HDD w ith fan module,HF,RoHS/REACH
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 w o rail, support 1x 3.5 HDD
Tray(s)	MCP-220-00131-0B	-	Black service/ID tag tray for slim DVD bay

Motherboard (for CSE- 842TQC-865B)

X11SPA-TF

X11DPL-i

X11DPI-N

X11DPI-NT

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