

SuperChassis 842XTQC-R804B



Key Features

1. 800W Redundant Power Supplies **Platinum Level (94%)**
2. 5x 3.5" SAS3 / SATA3 Hot-swap HDD Bays
3. 3x 5.25" Peripheral Drive Bays
4. 1x Slim DVD-ROM Drive Bay
5. 7x Full-height, Full-length and 4x Full-height, Half-length Expansion Slots
6. Dual-channel Air Duct design
7. 2x Front USB 3.0 Ports & 1x COM Port
8. Front intake Cooling Fan and Optional Front Bezel with Removable Air Filter
9. Power Switch, Reset Switch & 6x LED Indicators

▶ [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-842XTQC-R804B** ■ SuperChassis 842XTQC-R804B

Form Factor

- 4U rackmount chassis - supports for maximum motherboard sizes: 15.2" x 13.2" 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)
- **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)
- 4 full-height & half-length expansion slot(s)

Drive Bays

- 5 x 3.5" hot-swap SAS3/SATA drive bay

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

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)
■ 1x Com 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

800W 1U redundant power supply

- **Power Efficiency** ■ 94%
- **Total Output Power and Input** ■ 750W with Input 100 - 127Vac
■ 800W with Input 200 - 240Vac
■ 800W with Input 230 - 240Vdc
- **AC Input Frequency** ■ 50-60Hz
- **Dimensions (L x W x H)** ■ 220 x 54.5 x 40.25 mm
- **Output Type** ■ Backplanes (gold finger)
- **+12V** ■ Max: 62.5A / Min: 0.5A (100Vac - 127Vac)
■ Max: 66.6A / Min: 0.5A (200Vac - 240Vac)
■ Max: 66.6A / Min: 0.5A (230 - 240)
- **+5Vsb** ■ Max: 4A / Min: 0A
- **Power Distributor** ■ PDB-PT842-8824
■ O/P: 12V/92A
■ +5V Max: 30A
■ +3.3V Max: 28A
■ -12V Max: 0.6A

Certification



Platinum Certified

Regulatory (Power Supply)

- **Power Supply Safety / EMC** ■ BSMI
■ CCC
■ CE/EMC
■ UL/CB

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 | 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 | 2 | 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) |
| Cable(s) | CBL-0484L | 5 | 55CM 30AWG SATA S-S CBL |
| 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-swappable Rear Exhaust Fan for X11 Purley Platform Newly Enabled 4U Chassis |
| Drive Tray(s) | MCP-220-00075-0B | 5 | Black gen 5.5 hot-swap 3.5" HDD tray |
| Power Distributor | PDB-PT842-8824 | 1 | Power Distributor for SC842 |
| Power Supply & Accessory | PWS-804P-1R | 2 | 1U 800W 100-240VAC/50-60Hz, and DC240V input |

Optional Parts List

| | Part Number | Qty | Description |
|--------------------------------------|----------------------|-----|--|
| Cable | CBL-0153L | - | 6pin GPU Power Adapter Cable from PDB 2x big 4pin, 16cm |
| LCD | MCP-220-00095-0B | - | Black 5.25 LCD tray wo rail, support 1x 3.5 HDD |
| Short Rail | MCP-290-00058-0N | - | Short rail set, quick release, 19.6"~26.9" Extendable Length |
| 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 (11 slots) | MCP-290-74702-0N | - | GPU Card Holder (11 slots) for SC747TQ, SC842 |
| Mobile Rack | CSE-M28SACB | - | Black SAS3/SATA3 Mobile Rack for 8x 2.5" HDD with fan module,HF,RoHS/REACH |
| Fan Kit | MCP-320-00046-0N-KIT | - | Rear fan kit (8.2K RPM fan) for SC747B, 835X, 836BH |
| Tray(s) | MCP-220-00131-0B | - | Black service/ID tag tray for slim DVD bay |

Motherboard (for CSE- 842XTQC-R804B)

X11DPX-T

X11SPA-TF

X11SPA-T

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU