

# RMS3842 4U Rack Mount Computer Chassis Specifications

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## SuperChassis 842XTQC-R804B

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### Key Features

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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
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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-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
<b>HD Backplane</b>	BPN-SAS3-842TQ	1	4U 5-Port Backplane Supports 5x3.5" SAS3/SATA3 HDD/SSD for X11 Platform,HF,RoHS
<b>Cable(s)</b>	CBL-0084L	1	16PIN FRONT CTRL SPLIT CONVECTOR 6",PB FREE
<b>Cable(s)</b>	CBL-0087	1	CBL,FRONT CNTL,16 TO 16 PIN,Ribbon,50CM
<b>Cable(s)</b>	CBL-0160L	2	US POWER CORD 16AWG, PB FREE
<b>Cable(s)</b>	CBL-0286L	2	4 TO 4 PIN REAR FAN PWR EXT W/ SQUARE HEADER, 30CM (PWM)
<b>Cable(s)</b>	CBL-0336L	1	57CM, 4 PIN MIDDLE FAN POWER EXTENSION (PWM)
<b>Cable(s)</b>	CBL-0484L	5	55CM 30AWG SATA S-S CBL
<b>Cable(s)</b>	CBL-CUSB-0621	1	19p Female to 2x USB 3.0 type A cable, 70cm
<b>Cable(s)</b>	CBL-CUSB-0621-1	1	USB 3.0(F) Type A 2x to USB3.0 20pin,70CM,26/30AWG,RoHS
<b>Fan(s)</b>	FAN-0097L4	1	92x92x38 mm, 5K RPM, 4-pin PWM w/ Housing for SC842
<b>Fan(s)</b>	FAN-0180L4	2	80x80x38 mm, 9.4K RPM, Hot-swappable Rear Exhaust Fan for X11 Purley Platform Newly Enabled 4U Chassis
<b>Drive Tray(s)</b>	MCP-220-00075-0B	5	Black gen 5.5 hot-swap 3.5" HDD tray
<b>Power Distributor</b>	PDB-PT842-8824	1	Power Distributor for SC842
<b>Power Supply &amp; Accessory</b>	PWS-804P-1R	2	1U 800W 100-240VAC/50-60Hz, and DC240V input

## Optional Parts List

	Part Number	Qty	Description
<b>Cable</b>	CBL-0153L	-	6pin GPU Power Adapter Cable from PDB 2x big 4pin, 16cm
<b>LCD</b>	MCP-220-00095-0B	-	Black 5.25 LCD tray wo rail, support 1x 3.5 HDD
<b>Short Rail</b>	MCP-290-00058-0N	-	Short rail set, quick release, 19.6"~26.9" Extendable Length
<b>Rail</b>	MCP-290-00057-0N	-	Rail set, quick/quick, default for 4U 17.2
<b>Front Bezel</b>	MCP-210-84201-0B	-	Black 4U Plastic Front Bezel Assembly (w/ Lock) for SC842
<b>Add-on Card Holder (11 slots)</b>	MCP-290-74702-0N	-	GPU Card Holder (11 slots) for SC747TQ, SC842
<b>Mobile Rack</b>	CSE-M28SACB	-	Black SAS3/SATA3 Mobile Rack for 8x 2.5" HDD with fan module,HF,RoHS/REACH
<b>Fan Kit</b>	MCP-320-00046-0N-KIT	-	Rear fan kit (8.2K RPM fan) for SC747B, 835X, 836BH
<b>Tray(s)</b>	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