

## SuperChassis 835TQC-R802B

---



### Key Features

---

800W Redundant High-efficiency Titanium Level Power Supplies

---

8x 3.5" Hot-swap SAS3/SATA3 drive bays, space to support 2x 5.25" Drive Bays & 1x Slim DVD

---

Optional hot-swap Slim HDD/SSD drive Kit and Mobile Racks for additional storage

---

7x Full-height, Full-length Expansion Slots

---

Five Fans (3 middle, 2 rear) & Adjustable Air Shroud for 100% Cooling Redundancy

---

3U 8-Port Backplane Supports 8 x 3.5" SAS3/SATA3 HDD/SSD with 2x mini SAS HD connectors

---

## Product SKUs

- **CSE-835TQC-R802B** ■ SuperChassis 835TQC-R802B

## Form Factor

- 3U chassis support for motherboard size - E-ATX and ATX.

## Processor Support

- Dual and Single Intel® and AMD processors

## Dimensions

<b>Height</b>	■ 5.2" (132 mm)
<b>Width</b>	■ 17.2" (437 mm)
<b>Depth</b>	■ 25.5" (647 mm)
<b>Gross Weight</b>	■ 75 lbs (34.02 kg)
<b>Packaging (W x H x L)</b>	■ 26.6" (676 mm) x 13" (330 mm) x 33.9" (861 mm)
<b>Available Color</b>	■ Black

## Expansion Slots

- 7x Full-height, Full-length expansion slot(s)

## Drive Bays

- 8x 3.5" hot-swap SAS/SATA drive bay

## Backplane

- 8-Port 3U Backplane Supports 8 x 3.5" SAS3/SATA3 HDD/SSD for X11 Platform with 2x mini SAS HD connectors

## Peripheral Drives

- 1x slim DVD-ROM drive bay
- 2x standard 5.25" drive bay

## Front Panel

<b>Button</b>	<ul style="list-style-type: none"> <li>■ Power On/Off button</li> <li>■ System Reset button</li> </ul>
<b>LED</b>	<ul style="list-style-type: none"> <li>■ HDD activity LED</li> <li>■ Power Fail LED</li> <li>■ 2 Network Activity LEDs</li> <li>■ Power LED</li> <li>■ System Overheat LED</li> </ul>

## Systems Cooling

- Fans**
  - 2x 80mm rear hot-swap exhaust PWM fan(s)
  - 3x 80mm Hot-swap PWM Fans

## System Monitoring

- Chassis intrusion switch

## Operating Environment (System)

<b>Operating Temperature Range</b>	■ 5°C - 35°C (41°F - 95°F)
<b>Non-Operating Temperature Range</b>	■ -40°C - 70°C (-40°F - 158°F)
<b>Operating Relative Humidity Range</b>	■ 8% - 90% (non-condensing)
<b>Non Operating Relative Humidity Range</b>	■ 5% - 95% (non-condensing)

## Power Supply

1U 800W Redundant Power Supply 76mm width, W/PMbus, Titanium

<b>Power Efficiency</b>	■ 96%
<b>Total Output Power and Input</b>	<ul style="list-style-type: none"> <li>■ 800W with Input 200 - 240Vdc</li> <li>■ 800W with Input 100 - 240Vac</li> </ul>
<b>AC Input Frequency</b>	■ 50-60Hz
<b>Dimensions (L x W x H)</b>	■ 336 x 76 x 40 mm
<b>Output Type</b>	■ Backplanes (gold finger)
<b>+12V</b>	<ul style="list-style-type: none"> <li>■ Max: 66A / Min: 0A (100Vac - 240Vac)</li> <li>■ Max: 66A / Min: 0A (200Vdc - 240Vdc)</li> </ul>
<b>+5Vsb</b>	■ Max: 4A / Min: 0A
<b>Power Distributor</b>	<ul style="list-style-type: none"> <li>■ PDB-PT825-8824</li> <li>■ O/P: 12V/75</li> <li>■ +5V Max: 30A</li> <li>■ +3.3V Max: 24A</li> <li>■ -12V Max: 0.6A</li> </ul>

## Certification



■ Titanium Certified

### Regulatory (Power Supply)

- |                     |               |
|---------------------|---------------|
| <b>Power Supply</b> | ▪ BSMI        |
| <b>Safety / EMC</b> | ▪ CCC         |
|                     | ▪ CE/EMC      |
|                     | ▪ FCC class A |
|                     | ▪ TUV/CB      |
|                     | ▪ UL/CUL      |
-

## Standard Parts List

	Part Number	Qty	Description
<b>Air Shroud</b>	MCP-310-39001-0N	1	SC835/836/936 Intel DP X9-X10 PC air shroud 1368x13/12x13MB
<b>HD Backplane</b>	BPN-SAS3-833A	1	3U 8-Port Backplane Supports 8 x 3.5" SAS3/SATA3 HDD/SSD for X11 Platform with 2x mini SAS HD connectors
<b>Cable(s)</b>	CBL-0071L	1	ROUND 16 TO 16 PIN RIBBON FP CABLE 30"L, LF
<b>Cable(s)</b>	CBL-0216L	5	4 TO 4 PIN FAN POWER CABLE, 210MM
<b>CD-ROM &amp; Accessory</b>	MCP-290-83503-0B	1	Black DVD dummy cover for SC835, 833
<b>Fan(s)</b>	FAN-0125L4	2	80x32 mm 6.7K RPM SC836 Rear Exhaust Fan w/ Housing
<b>Fan(s)</b>	FAN-0126L4	3	80x80x38 mm 7K RPM Chassis Middle Fan w/ Housing
<b>Drive Tray(s)</b>	MCP-220-00009-01	2	Black 5.25"; drive tray w/o rail (square pattern)
<b>Drive Tray(s)</b>	MCP-220-00075-0B	8	Black gen 5.5 hot-swap 3.5" HDD tray
<b>Power Distributor</b>	PDB-PT825-8824	1	SC825 24PIN REDUNDANT POWER DISTRIBUTOR
<b>Power Supply &amp; Accessory</b>	PWS-802A-1R	2	1U 800W 100-240Vac/47-63Hz, and DC240 input
<b>Mounting Rail(s)</b>	MCP-290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2";W

## Optional Parts List

	Part Number	Qty	Description
<b>DVD-ROM / DVD-RW</b>	DVM-TEAC-DVD-SBT4	-	BLACK TEAC SLIM DVD ROM SATA DRIVE,HF,RoHS/REACH
<b>Front Bezel</b>	MCP-210-83501-0B	-	Black Front Bezel for SC835
<b>HDD Kit</b>	MCP-220-81506-0N • <a href="#">eStore</a>	-	12G 2.5-in Hot-swap Slim DVD Size Drive Kit with Status LED
<b>HDD Tray Converter</b>	MCP-220-00118-0B • <a href="#">eStore</a>	-	Black gen-5.5 tool-less 3.5-to-2.5 converter drive tray,RoHS/REACH
<b>LCD Module</b>	MCP-220-00095-0B	-	Black 5.25 LCD tray wo rail, support 1x 3.5 HDD
<b>Mobile Rack</b>	CSE-M14TQC	-	Black SAS3/SATA3 Mobile Rack for 4x 2.5
	CSE-M28SAB-OEM	-	Black SAS/SATA Mobile Rack for 8x 2.5" HDD w/o fan module
	CSE-M28SACB-OEM	-	Black SAS3/SATA3 Mobile Rack for 8x 2.5" HDD w/o fan module,HF,RoHS/REACH,PBF
<b>Rail</b>	MCP-290-00058-0N • <a href="#">eStore</a>	-	Ball bearing quick release rail for shor-depth rack (19"~26.6")

## Motherboard (for CSE-835TQC-R802B)

X11DPI-NX11DPI-NTX11DPL-IX12DPL-i6X12DPL-NT6X12SPL-FX12SPL-LN4F

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU &amp; Compatible

Red dot &amp; green color = Optimized + Global SKU