

## SuperChassis 813MFTQC-350CB2



**Chassis Manual** (</manuals/chassis/1U/SC813.pdf>)

**Optimization**

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

### Specifications

### Key Features



([Global SKU](#)).

1U Chassis for motherboard support size: (12" x 10") (9.6" x 9.6")

4 x 3.5" hot-swap SAS/SATA

1U 4-Port 12Gbps Backplane Support 4x3.5

1U 350W Multi-output power supply Platinum level

1 full height expansion slot(s)

4 x 40x28mm PWM fan(s)

Optional 2 x 40x28mm PWM fan(s)

Product SKUs

CSE-813MFTQC-350CB2  
SuperChassis 813MFTQC-350CB2

Form Factor

1U Chassis for motherboard support size: (12" x 10")  
(9.6" x 9.6")

Processor Support

Dual, single Intel® / AMD processors

Dimensions

**Height**  
1.7" (43 mm)  
**Width**  
17.2" (437 mm)  
**Depth**  
19.85" (503 mm)  
**Gross Weight**  
31 lbs (14.06 kg)  
**Packaging (W x H x L)**  
23.4" (594 mm) x 8.5" (216 mm) x 29.7" (754 mm)  
**Available Color**  
Black

Expansion Slots

1 full height expansion slot(s)

Drive Bays

4 x 3.5" hot-swap SAS/SATA

Backplane

1U 4-Port 12Gbps Backplane Support 4x3.5

Peripheral Drives

Optional 1 x Slim DVD-ROM Drive

Front Panel

**Buttons**  
Power On/Off button  
System Reset Button  
**LEDs**  
2 Network Activity LEDs  
HDD activity LED  
Power Status LED  
System Information LED

Components

Standard Parts List

|              | Part Number      | Qty | Description                                            |
|--------------|------------------|-----|--------------------------------------------------------|
| HD Backplane | BPN-SAS3-815TQ   | 1   | 1U 4-Port 12Gbps Backplane Support 4x3.5               |
| Cable(s)     | CBL-0071L        | 1   | ROUND 16 TO 16 PIN RIBBON FP CABLE 30"L, LF            |
| Cable(s)     | CBL-PWCD-0160-IS | 1   | PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH |

Systems Cooling

**Fans**  
4 x 40x28mm PWM fan(s)  
Optional 2 x 40x28mm PWM fan(s)

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

1U 350W Multi-output power supply Platinum level  
**Power Efficiency**  
93%  
**Total Output Power and Input**  
350W with Input 100 - 240Vac  
**AC Input Frequency**  
50-60Hz  
**Dimensions (L x W x H)**  
180 x 100 x 40 mm  
**Output Type**  
24pin ATX  
**-12V**  
Max: 0.2A / Min: 0A  
**+12V**  
Max: 29A / Min: 0.5A (100Vac - 240Vac)  
**+5V**  
Max: 15A / Min: 0.2A  
**+3.3V**  
Max: 12A / Min: 0.2A  
**+5Vsb**  
Max: 3A / Min: 0A  
**Certification**



(<http://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.aspx?id=69&type=1>). **Platinum Certified**

Regulatory (Power Supply)

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