

RMS111 1U Rack Mount Computer Chassis Specifications

SuperChassis 813MTQ-350CB



▶ [Chassis Manual](#)



Key Features

1. 1U chassis supports for maximum motherboard sizes - ATX 12" x 10" and Micro-ATX 9.6" x 9.6"
2. 4 x 3.5" hot-swap SAS/SATA
3. SAS or enterprise SATA HDD only recommended
4. 4-port 1U TQ backplane (W/ enclosure management), support up to 4x 3.5-inch SAS/SATA HDD
5. 1U 350W Multi-output Power Supply Gold level 100mm width
6. 1 full-height & half-length expansion slot(s) (Riser Card Required)
7. 4 x 4cm high performance PWM fan(s)
8. Optional 1 x fan for PCI card cooling

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

Specifications

Product SKUs

- CSE-813MTQ-350CB**
- SuperChassis 813MTQ-350CB

Form Factor

- 1U chassis supports for maximum motherboard sizes - ATX 12" x 10" and Micro-ATX 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

Motherboard (for CSE- 813MTQ-350CB)

- | | |
|---------------------------------|---------------------------------|
| X9DBL-3F | X9DBL-iF |
| X9SRi | X9SRi-3F |
| X9SRH-7F | X9SRH-7TF |
| X9SCM-IIF | X9SRi-F |
| H8SGL | H8SGL-F |
| H8SCM | H8SCM-F |
| X8DTL-3 | X8DTL-3F |
| X8DTL-i | X8DTL-iF |
| X8DTL-6F | X8DTL-6L |
| X8DTL-L | X9DBL-3 |
| X9DBL-i | X9SCL |
| X9SCL-F | X9SCL+-F |
| X9SCM | X9SCM-F |
| X9SCI-LN4 | X8SI6-F |
| H8SML-7F | H8SML-7 |
| H8SML-iF | H8SML-i |
| X10SL7-F | X10SLM+-LN4F |
| X10SLM+-F | X10SLH-F |
| X10SLM-F | X10SLL-F |
| X10SLL+-F | X9SKV-B915 |
| A1SAM-2550F | X9SKV-1125 |
| A1SRM-2558F | A1SRM-2758F |
| A1SAM-2750F | X9SKV-1105 |
| A1SRM-LN7F-2758 | A1SRM-LN7F-2358 |
| A1SRM-LN5F-2358 | X10SDV-F |

Color

Black

Expansion Slots

- 1 full-height & half-length expansion slot(s) (Riser Card Required)

Drive Bays

- 4 x 3.5" hot-swap SAS/SATA
- SAS or enterprise SATA HDD only recommended

Backplane

- 4-port 1U TQ backplane (W/ enclosure management), support up to 4x 3.5-inch SAS/SATA HDD

Peripheral Drives

- Optional 1 x Slim DVD-ROM Drive

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 Port(s)
- 1x Com Port(s)

[X11SSH-F](#)[X11SSL-F](#)[X11SSL-nF](#)[X11SSM-F](#)[X11SSH-CTF](#)[X11SSZ-TLN4F](#)[X11SSZ-QF](#)[X10SDV-4C-TLN2F](#)[X10SDV-4C-TLN4F](#)[X10SDV-12C-TLN4F](#)[X10SDV-7TP8F](#)[X10SDV-16C-TLN4F](#)[X10SDV-2C-TP4F](#)[X10SDV-4C-7TP4F](#)[X10SDV-2C-TLN2F](#)[X11SSH-GF-1585](#)[X11SSH-GF-1585L](#)[X11SSH-LN4F](#)[X11SSL-CF](#)[X11SSL](#)[X11SSM](#)[X11SSH-TF](#)[X11SSZ-F](#)[X10SDV-8C-TLN4F](#)[X10SDV-6C-TLN4F](#)[X10SDV-16C+-TLN4F](#)[X10SDV-TP8F](#)[X10SDV-7TP4F](#)[X10SDV-2C-TP8F](#)[X10SDV-4C+-TP4F](#)[X10SDV-2C-7TP4F](#)[X11SSH-GTF-1585](#)[X11SSH-GTF-1585L](#)**Servers (for CSE- 813MTQ-350CB)**[6016T-MTLF](#)[5017C-MTF](#)[5018D-MTLN4F](#)[6017B-MTLF](#)[5018D-MTF](#)[5018R-M](#)**Systems Cooling****Fans**

- 4 x 4cm high performance PWM fan(s)
- Optional 1 x fan for PCI card cooling

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 Gold level 100mm width

Power Efficiency

- 92%

Total Output Power and Input

- 350W with Input 100 - 240Vac

AC Input Frequency

- 50-60Hz

Dimensions (L x W x H)

- 220 x 100 x 40 mm

Output Type

- 24pin ATX

-12V

- Max: 0.5A / Min: 0A

+12V

- Max: 29A / Min: 1A (100Vac - 240Vac)

+5V

- Max: 18A / Min: 0.5A

+3.3V

- Max: 15A / Min: 0.5A

+5Vsb

- Max: 3A / Min: 0A

Certification

- **Gold Certified**



Regulatory (Power Supply)

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

Components

Standard Parts List

	Part Number	Qty	Description
HD Backplane	BPN-SAS-815TQ	1	4-port 1U TQ backplane (W/ enclosure management), support up to 4x 3.5-inch SAS/SATA HDD
Cable(S)	CBL-0049L	1	Front ctrl cable 16 PIN TO 16 PIN, LF, Flat (L=54cm)
Cable(S)	CBL-0157L	1	8 pin to 8 pin ribbon SGPIO cable with tube , 40cm, PBF
Cable(S)	CBL-0186L	1	SET OF 4 SATA 56/45.5/35/23CM ROUND S-RA. 26AWG
Cable(S)	CBL-0260L	1	US power cord 18AWG 6ft, PBF (default for low watt)
CD-ROM & Accessory	CSE-PT93-B0	1	Black DVD dummy cover for SC813TS
Fan(s)	FAN-0065L4	4	4028mm 13K RPM 4-PIN PWM FAN for SC813MF, SC113M
Cooling Fan & Accessory	MCP-320-00031-0B	1	Fan tray for six 40x28 fans(SC813M/113M)
Drive Tray(s)	MCP-220-00093-0B	4	Black gen 3.5 hot-swap 3.5"; HDD tray (w/o logo)
Part(s)	MCP-260-00078-0N	1	1U I/O shield for X10 and X9 Server MB with 5X5mm vent hole and EMI Gasket,RoHS/REACH,PBF
Part(s)	CSE-PT40L-B0	1	Black USB/COM port tray for slim FDD bay
Part(s)	MCP-340-00001-01	1	Dummy fan 40x28mm
Power Supply & Accessory	PWS-351-1H	1	1U 350W MULTI OUTPUT 80PLUS GOLD PWS
Mounting Rail(s)	CSE-PT52L	1 set	Sliver chassis rail set for SC813M,515,113M

Optional Parts List

	Part Number	Qty	Description
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray
Air Shroud	MCP-310-18003-0N	-	Air Shroud for DP (dual processor) Intel DP
Air Shroud	MCP-310-18009-0N	-	Air Shroud for UP (single processor) Intel Foxhollow
Mounting Rail	MCP-290-00056-0N	-	19" to 26.4" outer rail, for 1U 17.2" W chassis
Mounting Rail	MCP-290-00052-0N-Bulk	-	25.6" to 33.05" outer rail, for 1U 17.2" W chassis (10 sets/pack)
Front Bezel	CSE-PTFB-813LB	-	Front Bezel Cover with Key Lock and Filter, black
Heatsink / Retention	N/A	-	Please refer to our Thermal Components Matrix
LCD/OLED Solutions	N/A	-	Please reference the LCD/OLED Display Solutions for details
Peripheral Drive(s)	DVM-TEAC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
Peripheral Drive(s)	DVM-PNSC-824(B)	-	Black slim IDE DVD (8x DVD, 24x CDR), Panasonic
Peripheral Drive(s)	DVM-TEAC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
Peripheral Drive(s)	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
Peripheral Drive(s)	MCP-220-81502-0N	-	Slim SATA DVD kit
Peripheral Drive(s)	CSE-PT92L	-	Slim IDE DVD mounting kit for SC213,812S,813,815,816,818,819,825,836