

RMS111 1U Rack Mount Computer Chassis Specifications

SuperChassis 813MTQ-350CB



▶ [Chassis Manual](#)
▶ [Optimization](#)

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

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
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Specifications

Product SKUs - Discontinued SKU. Please contact sales-rep for possible OEM production quantities. MOQ may apply

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 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)

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 40.3 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
- +12Vsb** ■ Max: NAA

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 CABLE 16 PIN TO 16 PIN, LF
Cable(S)	CBL-0157L	1	8PIN TO 8PIN RIBBON CABLE FOR SGPIO, PB FREE
Cable(S)	CBL-0186L	1	SATA SET OF 4-56/45.5/35/23CM ROUND S-RA
Cable(S)	CBL-0260L	1	US POWER CORD 18 AWG, PBF
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)	MCP-340-00001-01	2	Dummy fan 40x28mm
Part(s)	CSE-PT40L-B0	1	Black USB/COM port tray for slim FDD bay
Mounting Rail(s)	CSE-PT52L	1 set	Sliver chassis rail set for SC813M,515,113M
Mounting Rail(s)	MCP-290-00016-0N	1	1U open rack bracket set for CSE-PT51L,MCP-290-00054-0N
Mounting Rail(s)	MCP-290-00101-0N	1set	Outer rail, screw type, 25.6
Mounting Rail(s)	MCP-290-00107-0N	1set	Inner rail, front, short, screw type
Mounting Rail(s)	MCP-290-00109-0N	1set	Inner rail, extension, short (screw) for 1U 17.2

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

Motherboard (for CSE- 813MTQ-350CB)