SuperChassis 813MTQ-280C / 813MTQ-280CB

Key Features

1. 280W High-efficiency Power Supply
2. 4x 3.5" Hot-swap SAS / SATA Drive Bays
3. 1x Slim DVD ROM Drive (Optional)
5. 4x 4cm 12,500 RPM PWM Fan
6. 1x Full-height, Half-length I/O Expansion Slot
7. Power Switch / Reset & 5 LED Indicators

Available Colors

Beige
Black

Downloads

Chassis Manual

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-280C	SuperChassis 813MTQ-280C (**Beige**)
CSE-813MTQ-280CB	SuperChassis 813MTQ-280CB (**Black**)

Form Factor

1U chassis support for max. motherboard size - 12" x 10" ATX

Processor Support

Dual / Single Low Wattage Xeon® Processors

Dimensions	
Height	1.7" (43mm)
Width	17.2" (437mm)
Depth	19.8" (503mm)
Gross Weight	31 lbs (14.1kg)
Available Colors	Beige, Black

Expansion Slots

1x full-height, half-length PCI expansion slot (Riser Card Required)

Drive Bays	
Hot-swap	4x 3.5" Hot-swap SAS / SATA drive bays SAS or enterprise SATA HDD only recommended

SAS / SATA Backplane

1x SAS / SATA Backplane

Peripheral Drives	
DVD-ROM	Slim DVD-ROM drive (Optional)

Front Panel	
Buttons	Power On/Off button System Reset button
LEDs	Power LED Hard drive activity LED 2x Network activity LEDs System Overheat LED
Ports	2x Front USB Ports 1x Serial COM Port

System Cooling	
Fans	4x 4cm 12,500 RPM PWM fans

Operating Environment (System)	
Operating Temperature Range	5°C ~ 35°C (41°F ~ 95°F)
Non-Operating Temperature Range	-40°C ~ 60°C (-40°F ~ 140°F)
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Non-Operating Relative Humidity Range	5% - 95% (non-condensing)

Power Supply

280W AC power supply w/ PFC

AC Voltage	100 - 240V, 50 - 60Hz, 5Amp
+5V	18 Amp
+5V standby	2 Amp
+12V	23Amp @ 100-140V, 27Amp @ 180-240V
-12V	1.0 Amp
+3.3V	15 Amp

Regulatory (Power Supply)	
Power Supply Safety / EMC	USA - UL listed, FCC Canada - CUL listed Europe/CE Mark EN 60950/IEC 60950-Compliant

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-813MTQ-280C	1	1U Chassis (**Beige**)
	CSE-813MTQ-280CB	1	1U Chassis (**Black**)
Cable(s)	CBL-0049L	1	Front Panel Ribbon Cable (BOM)
	CBL-0051L	1	60cm Round Floppy Cable
	CBL-0157L	1	8-pin to 8-pin Ribbon Cable For SGPIO
	CBL-0185L	1	10" ATA 133/100/66 2-Drop Cable
Fan(s)	FAN-0061L4	4	1U, 40x28mm 4-pin 12,500 RPM High-Performance PWM Fan
Front Tray	CSE-PT40(B)	1	Front USB and COM Port Tray
I/O	MCP-260-00024-0N	1	1U Standard I/O Shield
Mounting Rails	CSE-PT52	1	1U Slide Rails
Peripheral Drive Covers	CSE-PT93L(-B0)	1	CD-ROM Drive Dummy Cover (B0 = Black)
	CSE-PT94(-B0)	1	Floppy Drive Dummy Cover (B0 = Black)
Power Supply	PWS-281-1H	1	280W 1U Power Supply with Harness
Hard Drive	CSE-PT39(B)	4	Hot-swappable Hard Drive Trays
	BPN-SAS-815TQ	1	SAS / SATA Backplane [Manual]; passed SAS-2 compatibility testing
Air Shroud	MCP-310-00029-01	1	Air Shroud

Optional Parts List

	Part Number	Qty	Description
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Mounting Rails	MCP-290-00056-0N	-	19" to 26.4" outer rail, /quick, for 1U 17.2" W chassis
	MCP-290-00052-0N-BULK	-	25.6" to 33.05" outer rail, /quick, for 1U 17.2" W chassis (10 sets/pack)
Peripheral Drives	DVM-TEAC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), Panasonic
	DVM-TEAC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	CSE-PT92L	-	Slim IDE DVD kit (include backplane, cable)
	MCP-220-81502-ON	-	Slim SATA DVD kit (include backplane, cable)
Peripheral Drives	FPD-TEAC-S(B)	-	TEAC 3.5" 1.44MB Slim Floppy Drive (B = black)
	CSE-PT91L	-	Slim FDD kit
	CSE-PT93L(-B)	-	DVD or CD dummy cover (B = black)
	CSE-PT94L(-B)	-	FDD or USB tray dummy cover (B = black)
Front Bezel (Compatibility Table)	CSE-PTFB-813(B)	-	Front Bezel Cover with Key Lock and Filter, Black (B) & Beige
LCD/OLED Solutions	-	-	Please reference the LCD/OLED Display Solutions for details
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray

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