

RMS113 1U Rack Mount Computer Chassis Specifications

SuperChassis 113TQ-563CB



[▶ Chassis Manual](#)

Key Features

1. 1U rackmount chassis, support for motherboard size: 12" x 13" E-ATX and 13.68" x 13"
2. 8 x 2.5" hot-swap SAS/SATA drive bay
3. SAS or enterprise SATA HDD only recommended
4. 8-port 1U TQ (W/ AMI 9072) backplane, support up to 8x 2.5-inch SAS/SATA HDD/SSD
5. 1U 560W/600W Multi-output power supply Gold level, 24Pin output
6. 1 full-height & full-length expansion slot(s)
7. 4 x 4cm counter-rotating PWM fan(s)
8. Optional 2 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-113TQ-563CB**
- SuperChassis 113TQ-563CB

Form Factor

- 1U rackmount chassis, support for motherboard size: 12" x 13" E-ATX and 13.68" x 13"

Processor Support

- Dual, single Intel® / AMD processors

Dimensions

- | | |
|------------------------------|---|
| Height | • 1.7" (43 mm) |
| Width | • 17.2" (437 mm) |
| Depth | • 23.5" (597 mm) |
| Gross Weight | • 36 lbs (16.33 kg) |
| Packaging (W x H x L) | • 23.5" (597 mm) x 8.5" (216 mm) x 33.7" (856 mm) |
| Available Color | • Black |

Motherboard (for CSE- 113TQ-563CB)

X8DTN+	X8DTN+LR
X8DT6	X8DT6-F
X8DTE	X8DTE-F
X8DT3	X8DT3-F
X8DTi	X8DTi-F
X8DTi-LN4F	X8DT3-LN4F

Servers (for CSE- 113TQ-563CB)

[1027R-73DAF](#)

Systems Cooling

- Fans**
- 4 x 4cm counter-rotating PWM fan(s)
 - Optional 2 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**

Expansion Slots

- 1 full-height & full-length expansion slot(s)

Drive Bays

- 8 x 2.5" hot-swap SAS/SATA drive bay
- SAS or enterprise SATA HDD only recommended

Backplane

- 8-port 1U TQ (W/ AMI 9072) backplane, support up to 8x 2.5-inch SAS/SATA HDD/SSD

Peripheral Drives

- Optional 1 x slim DVD-ROM drive bay

Front Panel

- | | |
|----------------|---|
| Buttons | <ul style="list-style-type: none">• Power On/Off button• System Reset Button• Unit Identification (UID) button |
| LEDs | <ul style="list-style-type: none">• 2 Network Activity LEDs• HDD activity LED• Power Status LED• Unit Identification (UID) LED |

Relative Humidity Range

- 8% - 90% (non-condensing)

Non-Operating Relative Humidity Range

- 5% - 95% (non-condensing)

Power Supply

1U 560W/600W Multi-output power supply Gold level, 24Pin output

Power Efficiency

- 92%

Total Output Power and Input

- 600W with Input 180 - 240Vac
- 560W with Input Enter manually

AC Input Frequency

- 50-60Hz

Dimensions (L x W x H)

- 279.4 x 76 x 40 mm

Output Type

- 24pin ATX

-12V

- Max: 0.5A / Min: 0A

+12V

- Max: 27A / Min: 1A (100Vac - 180Vac)
- Max: 31A / Min: 1A (180Vac - 240Vac)

+5V

- Max: 18A / Min: 0.5A

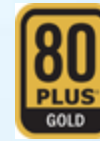
+3.3V

- Max: 15A / Min: 0.5A

+5Vsb

- Max: 3A / Min: 0A

Certification



Gold Certified

Regulatory (Power Supply)

- | | |
|----------------------------------|---|
| Power Supply Safety / EMC | <ul style="list-style-type: none">• BSMI• CCC• CE/EMC• FCC class B• TUV/CB• UL/CUL |
|----------------------------------|---|

Components

Standard Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-19001-0N	1	SC815/113/116 Intel DP X9, X8 PC air shroud,1368x13/12x13MB
HD Backplane	BPN-SAS-113TQ	1	8-port 1U TQ (W/ AMI 9072) backplane, support up to 8x 2.5-inch SAS/SATA HDD/SSD
Cable(S)	CBL-0157L	2	8 pin to 8 pin ribbon SGPIO cable with tube , 40cm, PBF
Cable(S)	CBL-0160L	1	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable(S)	CBL-0206L	2	48CM SATA ROUND S-S PBF. 26AWG
Cable(S)	CBL-0227L	2	48CM SATA ROUND S-RA PBF.26AWG
Cable(S)	CBL-0335L	1	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,73CM,PBF. 28AWG
CD-ROM & Accessory	MCP-290-00036-0B	1	Black DVD dummy tray support 1x2.5 HDD for SC113,815,825,836
Fan(s)	MCP-340-00022-0N	1	40x56 4Pin PWM, Primary for SC815, Secondary for SC818, 825M
Fan(s)	FAN-0086L4	4	40x56 4Pin PWM, Primary for SC815, Secondary for SC818, 825M
Front Panel	MCP-280-00017-0N	1	FRONT PANEL CONTROL BOARD FOR SC113
Cooling Fan & Accessory	CSE-PT0135	1	FAN HOLDER FOR SIX 40X56MM COUNTER ROTATING FANS

Cooling Fan & Accessory	MCP-340-00035-0B	2	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)
Drive Tray(s)	MCP-220-00047-0B	8	Black gen 3rd hot-swap 2.5inch HDD tray
Part(s)	MCP-260-00024-0N	1	1U I/O shield for X8 server MB (3rd LAN + 4xLAN)
Part(s)	MCP-310-19004-1N	1	X9 SC815/113/116 universal air shroud, main body(partA)
Part(s)	MCP-310-19005-1N	1	X9 SC815/113/116 universal air shroud component, (part D)
Part(s)	MCP-290-00037-0N	1	SC113 Control panel module (w/o DVD)
Part(s)	MCP-310-18006-1N	1	SC815/113 X8 air shroud component, moving part, (part B)
Part(s)	MCP-310-18007-1N	1	SC815/113 X8 air shroud component C (part)
Power Supply & Accessory	PWS-563-1H	1	1U 560W MULTI OUTPUT 80+ GOLD PWS 24PIN
Power Supply & Accessory	MCP-250-00008-0N	1	SC113 Single Power Distributor Cover
Mounting Rail(s)	MCP-290-00043-0V	1	Rail set for SC113
Rear Window	MCP-240-00085-0N	1	STD rear window for SC113 single PWS

Optional Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-00026-01	-	Air shroud for H8 DP motherboards
Tray(s)	MCP-220-00087-0B	-	USB tray for 113 chassis
Mounting Rail	MCP-290-00052-0N-Bulk	-	25.6" to 33.05" outer rail, /quick, for 1U 17.2" W chassis (10 sets/pack)
Peripheral Drive(s)	DVM-TEAC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
Mounting Rail	MCP-290-00056-0N	-	19" to 26.4" outer rail, /quick, for 1U 17.2" W chassis