

# RMS112 1U Rack Mount Computer Chassis Specifications

## SuperChassis 111TQ-563CB



► [Chassis Manual](#)

### Key Features

1. 1U Rackmount Chassis - supports for motherboard sizes of 12" x 13" E-ATX, 12" x 10" ATX, and 9.6" x 9.6" Micro-ATX
2. 4 x 2.5" hot-swap SAS/SATA drive bay
3. SAS or enterprise SATA HDD only recommended
4. 4-port 1U SC809/SC111 TQ backplane (with enclosure management), support up to 4x 2.5-inch SAS/SATA HDD
5. 1U 560W/600W Multi-output power supply Gold level, 24Pin output
6. 1 full-height & full-length expansion slot(s)
7. 3 x 40x56mm counter-rotation 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-1111TQ-563CB**
- SuperChassis 111TQ-563CB

#### Form Factor

- 1U Rackmount Chassis - supports for motherboard sizes of 12" x 13" E-ATX, 12" x 10" ATX, and 9.6" x 9.6" Micro-ATX

#### Processor Support

- Dual, single Intel® / AMD processors

#### Dimensions

- |                     |                     |
|---------------------|---------------------|
| <b>Height</b>       | • 1.7" (43 mm)      |
| <b>Width</b>        | • 16.8" (426 mm)    |
| <b>Depth</b>        | • 21.95" (558 mm)   |
| <b>Gross Weight</b> | • 29 lbs (13.15 kg) |

- |                              |   |
|------------------------------|---|
| <b>Packaging (W x H x L)</b> | • 24" (610 mm) x 8.3" (211 mm) x 30" (762 mm) |
|------------------------------|---|

#### Systems Cooling


- |             |   |
|-------------|---|
| <b>Fans</b> | <ul style="list-style-type: none"><li>• 3 x 40x56mm counter-rotation PWM fan(s)</li><li>• Optional 2 x fan for PCI card cooling</li></ul> |
|-------------|---|

#### Operating Environment (System)

- |  |  |
|--|--|
| <b>Operating Temperature Range</b>           | <ul style="list-style-type: none"><li>• 5°C - 35°C (41°F - 95°F)</li></ul>     |
| <b>Non-Operating Temperature Range</b>       | <ul style="list-style-type: none"><li>• -40°C - 70°C (-40°F - 158°F)</li></ul> |
| <b>Operating Relative Humidity Range</b>     | <ul style="list-style-type: none"><li>• 8% - 90% (non-condensing)</li></ul>    |
| <b>Non-Operating Relative Humidity Range</b> | <ul style="list-style-type: none"><li>• 5% - 95% (non-condensing)</li></ul>    |

#### Power Supply

<b>Available Color</b>	<ul style="list-style-type: none"> <li>Black</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>1 full-height &amp; full-length expansion slot(s)</li> </ul>
<b>Drive Bays</b>	<ul style="list-style-type: none"> <li>4 x 2.5" hot-swap SAS/SATA drive bay</li> <li>SAS or enterprise SATA HDD only recommended</li> </ul>
<b>Backplane</b>	<ul style="list-style-type: none"> <li>4-port 1U SC809/SC111 TQ backplane (with enclosure management), support up to 4x 2.5-inch SAS/SATA HDD</li> </ul>
<b>Peripheral Drives</b>	<ul style="list-style-type: none"> <li>Optional 1 x Slim DVD-ROM Drive</li> </ul>
<b>Front Panel</b>	
<b>Buttons</b>	<ul style="list-style-type: none"> <li>Power On/Off button</li> <li>System Reset Button</li> </ul>
<b>LEDs</b>	<ul style="list-style-type: none"> <li>2 Network Activity LEDs</li> <li>HDD activity LED</li> <li>Power Status LED</li> </ul>

1U 560W/600W Multi-output power supply Gold level, 24Pin output	
<b>Power Efficiency</b>	<ul style="list-style-type: none"> <li>92%</li> </ul>
<b>Total Output Power and Input</b>	<ul style="list-style-type: none"> <li>600W with Input 180 - 240Vac</li> <li>560W with Input Enter manually</li> </ul>
<b>AC Input Frequency</b>	<ul style="list-style-type: none"> <li>50-60Hz</li> </ul>
<b>Dimensions (L x W x H)</b>	<ul style="list-style-type: none"> <li>279.4 x 76 x 40 mm</li> </ul>
<b>Output Type</b>	<ul style="list-style-type: none"> <li>24pin ATX</li> </ul>
<b>-12V</b>	<ul style="list-style-type: none"> <li>Max: 0.5A / Min: 0A</li> </ul>
<b>+12V</b>	<ul style="list-style-type: none"> <li>Max: 27A / Min: 1A (100Vac - 180Vac)</li> <li>Max: 31A / Min: 1A (180Vac - 240Vac)</li> </ul>
<b>+5V</b>	<ul style="list-style-type: none"> <li>Max: 18A / Min: 0.5A</li> </ul>
<b>+3.3V</b>	<ul style="list-style-type: none"> <li>Max: 15A / Min: 0.5A</li> </ul>
<b>+5Vsb</b>	<ul style="list-style-type: none"> <li>Max: 3A / Min: 0A</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>  <b>Gold Certified</b> </li> </ul>
<b>Regulatory (Power Supply)</b>	
<b>Power Supply Safety / EMC</b>	<ul style="list-style-type: none"> <li>BSMI</li> <li>CCC</li> <li>CE/EMC</li> <li>FCC class B</li> <li>TUV/CB</li> <li>UL/CUL</li> </ul>

## Components

Standard Parts List			
	Part Number	Qty	Description
<b>Air Shroud</b>	MCP-310-19006-0N	1	SC111 Intel DP X9 Universal Mylar Air Shroud, 12x13MB
<b>HD Backplane</b>	BPN-SAS-809TQ	1	4-port 1U SC809/SC111 TQ backplane (with enclosure management), support up to 4x 2.5-inch SAS/SATA HDD
<b>Cable(S)</b>	CBL-0160L	1	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
<b>Cable(S)</b>	CBL-0206L	1	48CM SATA ROUND S-S PBF. 26AWG
<b>Cable(S)</b>	CBL-0226L	3	43CM SATA ROUND S-RA PBF 26AWG
<b>Cable(S)</b>	CBL-0277L	1	big 4 pin HDD POWER CABLE, 32cm. 20AWG
<b>Cable(S)</b>	CBL-0306L	1	FRONT CTRL CABLE ROUND 16 pin TO 16 pin RIBBON, 65CM. 28AWG
<b>CD-ROM &amp; Accessory</b>	MCP-290-11101-0B	1	black DVD dummy cover for SC111
<b>Fan(s)</b>	MCP-340-00030-0N	1	40x56,4 Pin PWM,Primary for SC809, Sec. for SC816,819,808
<b>Fan(s)</b>	FAN-0101L4	3	40x56,4 Pin PWM,Primary for SC809,111, Sec.for SC816,819,808
<b>Drive Tray(s)</b>	MCP-220-00047-0B	4	Black gen 3rd hot-swap 2.5inch HDD tray
<b>Part(s)</b>	MCP-260-00024-0N	1	1U I/O shield for X8 server MB (3rd LAN + 4xLAN)
<b>Part(s)</b>	MCP-260-00041-0N	1	1U I/O shield for X9 socket R server MB with Gasket
<b>Part(s)</b>	MCP-290-00033-0N	1	Fan holder (3x 40x56) for SC111,808,809,811
<b>Power Supply &amp; Accessory</b>	PWS-563-1H	1	1U 560W MULTI OUTPUT 80+ GOLD PWS 24PIN
<b>Mounting Rail(s)</b>	MCP-290-00050-0N	1 set	Rail set, (inner rail: quick-release, outer rail: screw-type)
<b>Rear Window</b>	MCP-240-11102-0N	1	SC111 standard rear window

Optional Parts List			
	Part Number	Qty	Description

<b>Rail</b>	MCP-290-00056-0N	-	Quick-release outer rail for square hole short-depth rack (19"~26.4")
<b>Air Shroud</b>	MCP-310-11102-0B	-	Air Shroud for SC111 (AMD DP MB)
<b>Air Shroud</b>	MCP-310-11105-0B	-	1 set(2pcs) air shroud for X7DCL-3/I in SC111
<b>Peripheral Drive(s)</b>	DVM-PNSC-DVD-SBT3	-	BLACK PANASONIC SLIM DVD ROM SATA DRIVE,HF,RoHS/REACH
<b>Peripheral Drive(s)</b>	DVM-TEAC-DVD-SBT3	-	BLACK TEAC SLIM DVD ROM SATA DRIVE ROHS,HF,RoHS/REACH,PBF
<b>Tray(s)</b>	MCP-290-111103-0N	-	Dual port USB Kit (FDD Slot)
<b>Fan Kit</b>	FAN-0100L4	-	40X28MM 4-PIN PWM FAN
<b>Fan Kit</b>	FAN-0106L4	-	High current (0.14A) version of Fan-0100L4 (40x28mm PWM)
<b>Fan Kit</b>	MCP-320-11101-0N	-	Fan holder for 2x 4028 fans
<b>Peripheral Drive(s)</b>	MCP-220-11102-0N	-	Slim SATA DVD kit for SC111