

SuperChassis 113TQ-R650UB

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Key Features

1. 2x 650W High-Efficiency Redundant Power Supplies
2. 8x Hot-swap 2.5" SAS/SATA HDD tray
3. Expansion slots: 1x Low-profile and 2x Full-height slots
4. 4x 40x56mm counter-rotating fans
5. Supports motherboard size up to: 12" x 13"
6. Optimized for UIO motherboards

Available Colors

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

CSE-113TQ-R650UB ■ SuperChassis 113TQ-R650UB (Black)

Form Factor

- 23.5" Depth 1U Rackmount Chassis
- Support for maximum motherboard size of 12" x 13"
- Optimized for Universal I/O (UIO) motherboard

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height	■ 1.7" (43mm)
Width	■ 17.2" (437mm)
Depth	■ 23.5" (597mm)
Packaging	■ 25" (W) x 6" (H) x 33" (L)
Gross Weight	■ 37 lbs (16.5kg)
Available Color	■ Black

Expansion Slots

- 1x Low-profile and 2x Full-height PCI expansion slot (riser card required)

Drive Bays

- Hot-swap**
 - 8x Hot-swap 2.5" SAS / SATA HDD trays
 - SAS or enterprise SATA HDD only recommended

SAS / SATA Backplane

1x 1U SAS / SATA backplane with SES2

Peripheral Drives

DVD-ROM ■ Slim DVD-ROM drive

Front Panel

- Buttons**
 - Power On/Off button
 - System Reset button
 - UID button
- LEDs**
 - Power status LED
 - HDD activity LED
 - 2x Network activity LEDs
 - Universal Information (UID) LED

System Cooling

Fans ■ 4x 40x56mm Counter-rotating 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

650W (1 + 1) Redundant AC-DC power supply w/ PFC

- AC Voltage** ■ 100 - 240V, 60-50Hz, 8-4 Amp
- +5V standby** ■ 3 Amp
- +12V** ■ 54 Amp
- With Power Distributor**
 - +5V: 25 Amp
 - +3.3V: 12 Amp
 - -12V: 0.6 Amp

Regulatory (Power Supply)

- Power Supply Safety / EMC**
 - USA - UL listed, FCC
 - Canada - CUL listed
 - CCC Certification
 - EN 60950/IEC 60950-Compliant
 - Europe/CE Mark
 - Germany - TUV Certified

Components

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-113TQ-R650UB	1	1U Chassis (Black)
Backplane	BPN-SAS-113TQ	1	Sup 8x2.5" Hot-swap SAS/SATA hdd; SATA con
Cable 1	CBL-0157L	2	8 pin to 8 pin ribbon SGPIO cable with tube , 40cm, PBF
Cable 2	CBL-0206L	2	48CM SATA ROUND S-S PBF. 26AWG
Cable 3	CBL-0227L	2	48CM SATA ROUND S-RA PBF.26AWG
Cable 4	CBL-0335L	1	FRONT CTL CABLE 20 PIN TO 20 PIN VW/TUBE,73CM,PBF. 28AWG
Drive Tray(s)	MCP-220-00047-0B	8	Black gen 3rd hot-swap 2.5inch HDD tray
Rear Window	MCP-240-00084-0N	1	UIO rear window for SC113 redundant PWS
Front Panel	MCP-280-00017-0N	1	FRONT PANEL CONTROL BOARD FOR SC113
Part(s)	MCP-290-00037-0N	1	SC113 Control panel module (w/o DVD)
Mounting Rails	MCP-290-00043-0V	1	Rail set for SC113
Air Shroud	MCP-310-19002-0N	1	SC815/113/116 Intel DP X9, X8 PC air shroud, 12x13MB
Fan Holder	MCP-340-00035-0B	2	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)
Power Distributor	PDB-PT112-2420	1	SC112 20PIN REDUNDANT POWER DISTRIBUTOR
Power Supply	PWS-651-1R	2	1U,650W REDUNDANT PWS MODULE
Mounting Rails	MCP-290-00016-0N	1	1U open rack bracket set for CSE-PT51L,MCP-290-00054-0N
Mounting Rails	MCP-290-00101-0N	2	Outer rail, screw type, 25.6
Mounting Rails	MCP-290-00107-0N	2	Inner rail, front, short, screw type
Mounting Rails	MCP-290-00111-0N	2	Inner rail, extension, long, screw type
Part(s)	MCP-310-18006-1N	1	SC815/113 X8 air shroud component, moving part, (part B)
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)

Note: tray can be either MCP-220-00047-0B (Black hot-swap 2.5" SAS/SATA HDD tray) or MCP-220-00087-0B (USB tray)

Optional Parts List			
	Part Number	Qty	Description
Air Shroud	MCP-310-00026-01	-	Air shroud for H8 DP motherboards
	MCP-310-00033-01	-	Air shroud for X7, H8 UP motherboards
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)
Trays	MCP-290-00036-0B	-	Black DVD dummy tray, supports 1x 2.5" slim HDD
Tray	MCP-220-00087-0B	-	USB tray for 113 chassis