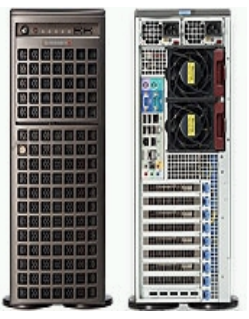
SuperChassis 747TG-R1400B-SQ

Front and Rear View



Available Color

Dark Gray

Download Manual / Flyer >>>

Key Features

1. Redundant (1+1) 1400W Gold-Level Power Supplies, FCC Class B Certified
2. SuperQuiet 38dB system at normal operation for office environment
3. 4x dedicated power connectors (6pin + 8pin) for high-end GPUs
4. 8x 3.5" Hot-swap SAS/SATA HDDs
5. 9x Full-height, Full-length expansion slots optimized for 4x double width high-end graphic cards
6. Advanced fan speed control SuperQuiet 38dB
7. Tower and Rackmount configurations
8. Highest Quality Chassis Built - Superb Components, Fans, & Power Supply
9. Full SES2 support is available with SAS motherboards and other compatible components.

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

Specifications

Product SKUs

CSE-747TG-R1400B-SQ	▪ SuperChassis 747TG-R1400B-SQ

Form Factor

Tower / 4U chassis support for motherboards size: 13.68" x 13", E-ATX & ATX

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Width	▪ 18.2" (462mm)
Height	▪ 7" (178mm)
Depth	▪ 26.5" (673mm)
Gross Weight	▪ 62 lbs (28.1kg)
Package (W x H x D)	▪ 26.6" (676mm) x 17.4" (442mm) x 38.6" (981mm)
Available Color	▪ Dark Gray

Expansion Slots

Capable of housing 9x Full-Height, Full-Length expansion cards

Drive Bays

Hot-swap	▪ 8x 3.5" Hot-swap SAS/SATA Drive Bays ▪ SAS or enterprise SATA HDD only recommended
Peripheral Bay (s)	▪ 3x 5.25" drive bays in storage module - rotates 90° for Rackmount ▪ 1x 3.5" fixed drive bay

SAS / SATA Backplane

SAS / SATA Hard Drive Backplane with SES2

Front Panel

Buttons	▪ LED Power On/Off button ▪ System Reset button
LEDs	▪ Hard drive activity LED ▪ 2x Network activity LEDs ▪ System Overheat LED ▪ Power Fail LED
Ports	▪ 2x Front side USB Ports

Servers (for SC747TG-R1400B-SQ)

4021GA-62R+F, 7047AX-TRF, 7047AX-72RF

System Cooling

Fans	▪ 2x 5000 RPM Hot-swap Cooling Fans ▪ 2x 5000 RPM Hot-swap Rear Exhaust Fan

System Monitoring

Chassis intrusion switch

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

1400W high-efficiency power supply with PMBus

AC Input	▪ 1100W: 100 - 140V, 50 - 60Hz, 9.5 - 13.5 Amp ▪ 1400W: 180 - 240V, 50 - 60Hz, 7.0 - 9.5 Amp
DC Output +5V standby	▪ 4 Amp
DC Output +12V	▪ 92 Amp @ 100-140V ▪ 116 Amp @ 180-240V
With Distributor	▪ +5V: 30 Amp ▪ +3.3V: 24 Amp ▪ -12V: 0.6 Amp
Certification	80 PLUS GOLD; FCC Class B Gold Certified [Report]

Regulatory (Power Supply)

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

Components

See Parts List

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-747TG-R1400B-SQ	1	4U Chassis (**Dark Gray**)
Backplane	BPN-SAS-747TQ	1	HDD Backplane for SC747 Chassis
Cable(s)	CBL-0157L	1	8pin to 8pin ribbon cable with tube for SGPIO, 40cm
	CBL-0179L	8	70cm SATA cable, flat Straight-straight
	CBL-0071L	1	Round 16 to 16 pin ribbon FP cable, 30"
	CBL-0216L	4	4 to 4-pin middle fan power extension cable, 200mm (PWM)
	CBL-0286L	2	4 to 4 pin rear fan pwr ext w/ square header, 30cm (PWM)
Drive Bay(s)	MCP-220-97301-0B	8	3.5" HDD Tray
	MCP-220-00073-0B	1	Black 5.25" drive tray without rail (SC747)
	MCP-220-00074-0B	2	SC747 5.25" Dummy Cover
Fan(s)	FAN-0082L4	2	80x38mm, 4-pin PWM fan assembly
	Fan-0114L4	2	92x38mm, 4-pin PWM fan
Front Bezel	MCP-210-74701-0B	1	SC747 plastic front bezel
Front Panel	MCP-280-74701-0N	1	Front Panel Control Board for SC747
GPU Card Holder	MCP-290-74705-0N	1	GPU card holder for SC747TG (9 slots)
Parts	MCP-290-74502-0B	1	Plastic feet (4 pcs set) for 4U tower chassis, black color
	MCP-290-74701-0B	1	Black plastic top cover for SC747 workstation
	MCP-290-74703-0B	1	Fixed 3.5" dummy cover for SC747
Power Supply	PWS-1K41P-SQ	2	Class B 1400W high-efficiency Gold level redundant power supply
	PDB-PT747-4648	1	Power distributor for SC747 with graphic output feature
	MCP-250-00003-00	1	Plastic PDB Cover
Rear Window	MCP-240-74702-0N	1	SC747 rear window (9x PCI slots, support 13.68" x 13" motherboard)
Chassis Accessory Box	MCP-420-74701-0N	1	SC747 accessory box (2 x power cords)

Optional Parts List

	Part Number	Qty	Description
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Rails	MCP-290-00059-0B		4U ball bearing quick release rail kit (includes side handles), extendable length 26.5"~36.4"
Short Rails	MCP-290-00058-0N		Quick release rail (ball bearing) extandable length 19"~26.6"
Fan(s)	Fan-0114L4	-	92x38mm, 4-pin PWM fan
Front Bezel	MCP-210-74703-0B	-	Front bezel cover (for 5.25" bay) for rackmount
HDD Tray	MCP-220-93801-0B	-	Black Hotswap Gen 6 3.5" to 2.5" HDD Tray (SC747, 936, 938 and Blade)

Hide Parts List

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