


SuperChassis 815TQ-R450UV / 815TQ-R450UB

Products | Chassis | 1U | [SC815TQ-R450UV / SC815TQ-R450UB]



Key Features

1. 450W Redundant Power Supply
2. 4x 3.5" Hot-swap SAS / SATA Drive Bays
3. 1x Slim DVD-ROM Drive, 1x Slim Floppy Drive (Optional)
4. 3x 4cm Cooling Fans
5. 1x Full-height Universal I/O (UIO Expansion Slot)
6. 1x Full-height, Full-length I/O Expansion Slot
7. 1x Low-profile I/O Expansion Slot
8. Power Switch, Reset, UID Button & 5 LED Indicators

Please Note: Full SES2 Support is only available on SAS motherboards

Resources

Silver

Black

Specifications

Product SKUs	
CSE-815TQ-R450UV	▪ SuperChassis 815TQ-R450UV (Silver)
CSE-815TQ-R450UB	▪ SuperChassis 815TQ-R450UB (Black)
Form Factor	
1U chassis support for max. motherboard size - 12" x 13" E-ATX • Optimized for Universal I/O (UIO) motherboards	
Processor Support	
Dual Xeon® / Pentium® D 1066MHz Processors	
Dimensions	
Height	▪ 1.7" (43mm)
Width	▪ 17.2" (437mm)
Depth	▪ 25.6" (650mm)
Gross Weight	▪ 40 lbs (18.1kg)
Available Colors	▪ Silver, Black
Expansion Slots	
<ul style="list-style-type: none"> ▪ 1x Full-height Universal I/O Expansion Slot (Riser Card Required) ▪ 1x Full-height, Full-length PCI Expansion Slot (Riser Card Required) ▪ 1x Low-profile PCI Expansion Slot (Riser Card Required) 	
Drive Bays	
Hot-swap	▪ 4x 3.5" SAS / SATA Hot-swap drive trays
SAS / SATA Backplane	
1x 1U SAS / SATA backplane	
Peripheral Drives	
Floppy	▪ 3.5" 1.44MB Slim Floppy Drive (Optional)
DVD-ROM	▪ Slim 8x DVD / 24x CD, DVD-ROM Drive

System Cooling	
Fans	▪ 3x 4cm counter-rotating fans
Front Panel	
Buttons	<ul style="list-style-type: none"> ▪ Power On/Off button ▪ System Reset button ▪ UID button
LEDs	<ul style="list-style-type: none"> ▪ Power LED ▪ Hard drive activity LED ▪ 2x Network activity LEDs ▪ Universal Information (UID) LED
Ports	<ul style="list-style-type: none"> ▪ 2x USB & DB9 COM port tray ▪ (Optional - in place of floppy drive)
Operating Environment (System)	
Operating Temperature Range	▪ 10 - 35°C (50° to 95° F)
Non-Operating Temperature Range	▪ -40 - +70°C (-40° to 158° F)
Humidity Range	▪ 8 - 90% non-condensing
Non-Operating Humidity Range	▪ 5 - 95% non-condensing
Power Supply	
450W (1 + 1) Redundant AC power supply w / PFC	
AC Voltage	▪ 100 - 240V, 60-50Hz, 6.3-3.2 Amp
+5V	▪ 25 Amp
+5V standby	▪ 3 Amp
+12V	▪ 37 Amp
-12V	▪ 0.6 Amp
+3.3V	▪ 25 Amp
Regulatory (Power Supply)	
Power Supply Safety / EMC	<ul style="list-style-type: none"> ▪ USA - UL listed, FCC ▪ Canada - CUL listed ▪ China - CCC Mark ▪ Europe/CE Mark ▪ EN 60950/IEC 60950-Compliant ▪ Germany - TUV Certified

Components

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-815TQ-R450UV	1	1U Chassis (Silver)
	CSE-815TQ-R450UB	1	1U Chassis (Black)
Air Shroud	MCP-310-00033-01	1	Cooling Air Shroud
Backplane	BPN-SAS-815TQ	1	1U Backplane (4 x 3.5" SAS/SATA) [Manual]
Cable(s)	CBL-0139L	1	50cm 80-Wire IDE (DVD-ROM) Cable
	CBL-0157L	1	8-pin to 8-pin Ribbon Cable for SGPIO (Supports Up to 4 Drives)
	CBL-0180L-01	1	SATA Cable Set
	CBL-0191L	1	50cm 20-pin to 20-pin Front Control Cable
Fan(s)	FAN-0086L4	3	1U, 4-Pin Counter-rotating Fan
	CSE-PT0100	3	Dummy Fan
	CSE-PT0135	1	Fan Holder
Hard Drive Trays	MCP-220-00001-03(01)	4	Silver Hard Drive Carriers (01 = Black)
Mounting Rails	CSE-PT51L	1	1U Slide Rails
Peripheral Drives	DVM-PNSC-824V(B)	1	8x DVD / 24x CD, DVD-ROM Drive (B = Black)
Power Supply	PWS-451-1R	2	450W High-efficiency Power Supply
	PDB-PT815-CP20	1	Power Distributor

Optional Parts List			
	Part Number	Qty	Description
Front Tray	CSE-PT40(B)	-	Front USB and COM tray (Occupies Slim Floppy Drive Location)
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Peripheral Drives	FPD-TEAC-S(B/V)	-	Slim TEAC Floppy Drive (B = black; V = silver)
	CSE-PT93L(-B/V)	-	DVD or CD dummy cover (B = black; V = silver)
	CSE-PT94L(-B/V)	-	FDD or USB tray dummy cover (B = black; V = silver)
Front Bezel (Compatibility Table)	CSE-PTFB-813(B)	-	Front Bezel Cover with Key Lock and Filter, Black (B) & Beige