SuperChassis 835TQ-R800B

Air Shroud View

Available Colors

Black ▮

Key Features

• **Versatile Storage Chassis with High Efficiency Power**

1. 800W Redundant Power Supply
2. 8x 3.5" Hot-swap SAS / SATA & 2x 5.25" Drive Bays
3. 1x Slim DVD-ROM Drive
4. 7x Full-height, Full-length Expansion Slots
5. 100% Cooling Redundancy
6. Adjustable Air Shroud

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

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	
CSE-835TQ-R800B	▪ SuperChassis 835TQ-R800B (**Black**)

Form Factor
3U chassis support for max. motherboard size - 13.68" x 13"

Processor Support
Supports dual, single Intel® / AMD processors

Dimensions	
Height	5.2" (132mm)
Width	17.2" (437mm)
Depth	25.5" (648mm)
Gross Weight	75 lb (34.02 kg)
Available Colors	Black

Expansion Slots
• 7x full-height full-length expansion slots

Drive Bays	
Hot-swap	8x 3.5" SAS / SATA Hot-swap drive trays SAS or enterprise SATA HDD only recommended

SAS / SATA Backplane
1x 2U SAS / SATA Backplane with Enclosure Management

Peripheral Drives	
DVD-ROM	Slim DVD-ROM Drive

Front Panel	
Buttons	• Power On/Off button • System Reset button
LEDs	• Power LED • Hard drive activity LED • 2x Network activity LEDs

System Cooling	
Fans	• 3x 80mm Hot-swap PWM Fans • 2x 80mm Rear-exhaust PWM Fans

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 and Distributor	
800W (1 + 1) Redundant AC-DC high-efficiency power supply w/ PFC	
AC Voltage	▪ 100 - 240V, 50-60Hz, 10-4 Amp
+5V standby	▪ 4 Amp
+12V	▪ 66 Amp
With Power Distributor	▪ +5V: 30 Amp ▪ +3.3V: 24 Amp ▪ -12V: 0.6 Amp

Regulatory (Power Supply)	
Power Supply Safety / EMC	▪ USA - UL listed ▪ Canada - CUL listed ▪ Germany - TUV Certified ▪ EN 60950/IEC 60950-Compliant ▪ CB Report ▪ CCC Certification

- System Overheat LED
- Power fail LED

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-835TQ-R800B	1	3U Chassis (**Black**)
Backplane	CSE-SAS-833TQ-O-P	1	SAS833 BACK PANEL WITH AMI MG9072
Cable 1	CBL-0044L	4	SATA CABLE 61CM FLAT S-S PBF. 26AWG flat
Power Supply	PWS-801-1R	2	800W,1U,12V OUTPUT POWER SUPPLY
Power Distributor	PDB-PT825-8824	1	SC825 24PIN REDUNDANT POWER DISTRIBUTOR
Air Shroud	MCP-310-39001-0N	1	SC835/836/936 Intel DP X9, X8 PC air shroud 1368x13/12x13MB
Accessory	ACC835-01-2B	1	Accessory Box for SC835 with two power cord and FDD acc.
Cable 2	CBL-0071L	1	ROUND 16 pin TO 16 PIN RIBBON FP CABLE 30
Cable 3	CBL-0216L	5	4 PIN TO 4 PIN MIDDLE FAN POWER EXTENSION, 20cm. 24AWG (PWM)
Peripheral Drive 1	DVM-PNSC-DVD-SBT3	1	BLACK PANASONIC SLIM DVD ROM SATA DRIVE,HF,RoHS/REACH
Fan 1	FAN-0126L4	3	80x80x38 mm 7K RPM Chassis Middle Fan w/ Housing
Fan 2	FAN-0125L4	2	80x32 mm 6.7K RPM SC836 Rear Exhaust Fan w/ Housing
Drive Tray(s)	MCP-220-00009-01	2	Black 5.25
Drive Tray(s)	MCP-220-00075-0B	8	Black gen 5.5 hot-swap 3.5\" HDD tray
Mounting Rails	MCP-290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2\"W

Optional Parts List

	Part Number	Qty	Description
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Mounting Rails	MCP-290-00058-0N	-	19" to 26.6" rail set, Quick Release, Tool-less
Cable Management Arm	MCP-290-00073-0N	-	Supermicro Cable Management Arm for 2U, 3U and 4U chassis (Extendable Length: 70mm to 830mm)
Peripheral Drives	FPD-TEAC-SB	-	TEAC 3.5" 1.44MB Slim Floppy Drive (Black)
	MCP-220-82503-0B	-	Slim floppy accessory kit
	MCP-290-83301-0B	-	DVD Dummy Cover (Black)
	CSE-PT40L-B0	-	Black USB/COM port tray (MCP-220-82503-0B required)
Peripheral Drives	DVM-TEAC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	MCP-220-81502-ON	-	Slim SATA DVD kit (include backplane, cable)
Front Bezel (**Compatibility Table**)	MCP-210-83501-0B	-	Front Bezel Cover, Black (optional)
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray