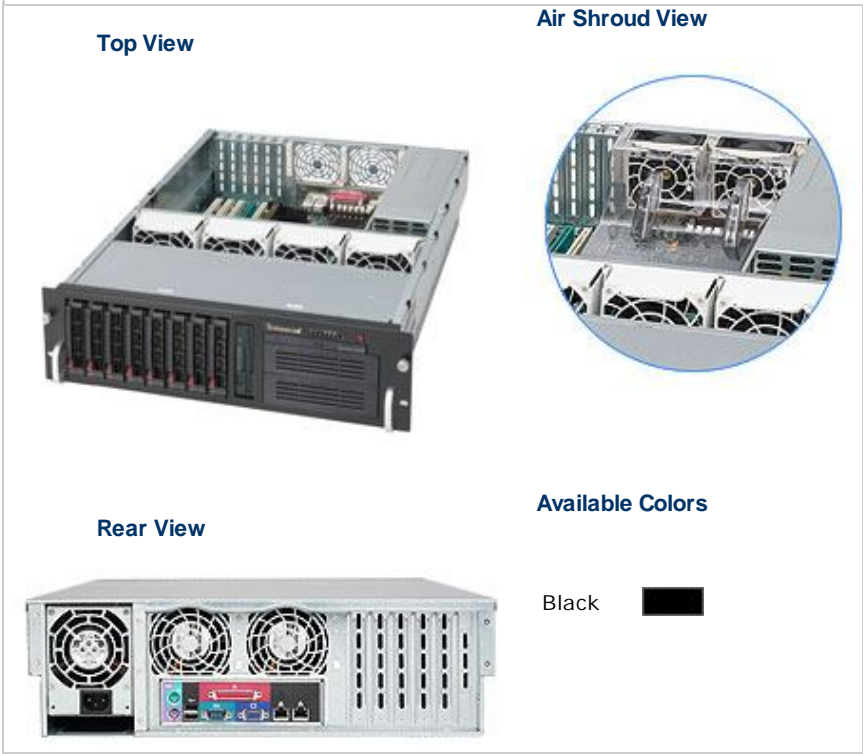


SuperChassis 833T-650B

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 [[SC833T-650B](#)]



Key Features

- **High Efficiency Power Cost Effective 3U Chassis Optimized for Dual-Processor Motherboards**
- **Supermicro patented REDUNDANT COOLING power supply improves reliability for high availability**

1. 650W Redundant Cooling, High Efficiency Power Supply
2. 8 x 3.5" SAS / SATA Hot-sw ap Drive Bays
3. 2 x 5.25" Peripheral Drive Bays
4. 1 x Optional Slim DVD-ROM Drive
1 x 3.5" Drive Bay
5. 6x Full-height, Full-length expansion slot
6. 100% Cooling Redundancy
7. Adjustable Air Shroud Design
8. Pow er Sw itch & 6 LED Indicators

Available Colors

Black 

Downloads

Chassis Manual 

Specifications

Product SKUs

CSE-833T-650B ■ SuperChassis 833T-650B (Black)

Form Factor

3U chassis support for max. motherboard size - 12" x 13" E-ATX

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height 5.2" (132mm)
Width 17.7" (450mm)
Depth 25.5" (648mm)
Gross Weight 69 lbs (31.3kg)
Available Colors Black

Expansion Slots

- 6x PCI expansion slots
- SIMLC Support Only

System Cooling

Fans

- 4 9cm 5,000 RPM Hot-sw ap PWM Fans
- 2 8cm 5,000 RPM Rear Exhaust PWM Fans

System Monitoring

Chassis intrusion sw itch

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

650W AC-DC high-efficiency pow er supply w / PFC

Drive Bays

- Hot-swap**
 - 8x 3.5" SAS / SATA Hot-swap Drive Bay
 - SAS or enterprise SATA HDD only recommended
- Peripheral Bay(s)**
 - 2x 5.25" Peripheral Drive Bay
 - 1x 3.5" Drive Bay
 - 1x Slim CDRom Drive Bay

Peripheral Drives

- Floppy** Sony 3.5" 1.44MB Floppy Drive (optional)
- DVD-ROM** Slim DVD-ROM drive (optional)

SATA Backplane

SATA Backplane

Front Panel

- Buttons**
 - Power On/Off button
 - System Reset button
 - Alarm Mute Switch
 - Power LED
- LEDs**
 - Hard drive activity LED
 - 2x Network activity LEDs
 - System Overheat LED
- Ports** none (Optional front USB ports via 5.25" drive bay)

Redundant Cooling

AC Voltage	■ 100 - 240V, 60-50Hz, 8.3 - 3.5 Amp
+5V	■ 30 Amp
+5V standby	■ 4 Amp
+12V	■ 54 Amp
-12V	■ 0.5 Amp
+3.3V	■ 25 Amp

Certification



80 PLUS Certified

Regulatory (Power Supply)

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

Components

Standard Parts List

	Part Number	Qty	Description
SC833T-650B Chassis	CSE-833TS-650BP	1	3U Chassis (Black)
Power Supply	PWS-652-2H	1	650W Redundant Fan Power Supply
Fan(s)	FAN-0062L4	2	80x32mm Rear PWM Fan w / Housing
	FAN-0064L4	4	92x38mm PWM Cooling Fan w / Housing, Hot-swap, 5000RPM
SCA	CSE-PT39-B0	8	1" SCA Type Assy. (w/o Logo, Black) drive tray
	CSE-SATA-833	1	SATA Backplane without SAF-TE
Cables	CBL-0044L	1	2' SATA Cable
	CBL-0216L	4	4 to 4-pin middle fan power extension cable, 200mm (PWM)
Air Shroud	MCP-310-38002-0N	1	SC833 Intel DP X8.X7 PC air shroud 12" x 13" [Manual]
	CSE-PT45	1	Side Fan Shroud
Peripheral Drive(s)	MCP-290-83301-0B	1	Black SC833 DVD Dummy Cover
Mounting Rails	CSE-PT50	1	3U Chassis Mounting Rails; Outer slides extendable length: 28" to 33.67"

Optional Parts List

	Part Number	Qty	Description
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Front USB Kit	CSE-PT29(B)	-	2 Ports Front USB Kit
Rear I/O	-	-	Other I/O Shield for 4U / Tower Chassis
Peripheral Drives	FPD-SONY-FB	-	Sony 3.5" 1.44MB Floppy Drive (B = Black)
	MCP-220-83301-0N	-	3.5" FDD kit
	MCP-290-83301-0B	-	DVD Dummy Cover (0B = black)
	MCP-290-83301-0W	-	DVD Dummy Cover (0W = beige)
Peripheral Drives	DVM-TEAC-DVD-SBT1	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-DVD-SBT1	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	MCP-220-81502-ON	-	Slim SATA DVD kit (include backplane, cable)

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