

SuperChassis 833T-550 / 833T-550B

[Products](#) ▶ [Chassis](#) ▶ [3U](#) ▶ [[SC833T-550](#) / [SC833T-550B](#)]



Available Colors

Beige

Black

Key Features

1. 550W Power Supply
2. 8 x 3.5" SAS / SATA Hot-swap 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. Power Switch & 6 LED Indicators

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-833T-550 ■ SuperChassis 833T-550 (Beige)

CSE-833T-550B ■ SuperChassis 833T-550B (Black)

Form Factor

3U chassis support for max. motherboard size - 12" x 13" E-ATX and 12" x 10" 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	Beige, Black

Expansion Slots

- 6x PCI expansion slots (7th slot not supported)

Drive Bays

Hot-swap	<ul style="list-style-type: none"> • 8x 3.5" SAS / SATA Hot-swap Drive Bay • SAS or enterprise SATA HDD only recommended
Peripheral Bay(s)	<ul style="list-style-type: none"> • 2x 5.25" Peripheral Drive Bay • 1x 3.5" Drive Bay • 1x Slim CDROM Drive Bay

Peripheral Drives

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

SATA Backplane

SATA Backplane

Front Panel

Buttons	<ul style="list-style-type: none"> • Power On/Off button • System Reset button • Alarm Mute Switch
LEDs	<ul style="list-style-type: none"> • Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED
Ports	none (Optional front USB ports via 5.25" drive bay)

System Cooling

Fans	<ul style="list-style-type: none"> • 4 9cm 5,000 RPM Hot-swap PWM Fans • 2 8cm 5,000 RPM 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

550W power supply with PFC [24-pin, (8-pin, 4-pin)=12V]	
AC Voltage	100 - 240V, 47-63Hz, 9/3.5 Amp
DC Output	+5V & +3.3V : Max = 50A
+5V	35.0 Amp
+5V standby	2.0 Amp
-5V	0.8 Amp
+12V	42.0 Amp
-12V	1.0 Amp
+3.3V	30.0 Amp

Regulatory (Power Supply)

Power Supply Safety / EMC	<ul style="list-style-type: none"> • USA - UL listed, FCC • Canada - CUL listed • Germany - TUV Certified • Europe/CE Mark • EN 60950/IEC 60950-Compliant
---------------------------	--

Components

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-833T-550	1	3U Chassis (Beige)
	CSE-833T-550B	1	3U Chassis (Black)
Power Supply	PWS-0047	1	SP552-2C 550W Power Supply
Fan(s)	FAN-0062L4	2	8cm Rear Exhaust PWM Fan
	FAN-0064L4	4	9cm Hot-swap PWM Cooling Fan
SCA	CSE-PT39	8	1" SCA drive tray
	CSE-SATA-833	1	SATA Backplane without SAF-TE
Cables	CBL-0044	4	2' SATA Cable
Air Shroud	MCP-310-38002-ON	1	SC833 Intel DP X8.X7 PC air shroud 12" x 13" [Manual]
	CSE-PT45	1	Side Fan Shroud
Mounting Rails	CSE-PT50	1	3U Chassis Mounting Rails

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-TEAC (B)	-	TEAC 3.5" 1.44MB Floppy Drive
	MCP-220-83301-ON	-	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-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	MCP-220-81502-ON	-	Slim SATA DVD kit (include backplane, cable)
Adaptor HDD carrier	MCP-220-00043-ON	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray

[Terms & Conditions](#) | [Privacy](#) | [Investor Relations](#) | [Jobs](#) | [Site Map](#)

[SuperServer®](#) | [Motherboard](#) | [Chassis](#) | [Rack Cabinet](#) | [SuperBlade®](#) | [Embedded](#) | [Networking](#) | [Storage](#) | [Accessories](#) | [AMD Solution](#) | [Power Supplies](#)

Copyright © 2019 Super Micro Computer, Inc.

Information in this document is subject to change without notice.

Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.