SuperChassis 832T-650B

Key Features

1. 650W Redundant Cooling, High Efficiency Power Supply
2. 8x 3.5" SAS / SATA Hot-swap Drive Bays
3. 2x 5.25" Peripheral Drive Bays
4. 1x Slim CDROM Drive (Optional)
5. 6x Full-height, Full-length expansion slot
6. 4x 9cm Hot-swap PWM Fans Low Noise
7. Power Switch & 5 LED Indicators

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

Available Colors

Black

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-832T-650B	▪ SuperChassis 832T-650B (**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	67 lbs (30.4kg)
Available Colors	Black

Expansion Slots

6x PCI expansion slots

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 CD-ROM Drive Bay

Peripheral Drives

DVD-ROM	Slim DVD-ROM drive (optional)

Backplane

SAS / SATA Backplane

Front Panel

Buttons	• Power On/Off button • System Reset button • NMI Switch
LEDs	• Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED • Power Fail LED
Ports	none

System Cooling

Fans	• 4x 9cm 4,300 RPM Hot-swap 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

650W AC-DC high-efficiency power supply w/ PFC 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)

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

Components

Standard Parts List

	Part Number	Qty	Description
SC832T-650B Chassis	CSE-832T-650B	1	3U Chassis (**Black**)
Power Supply	PWS-652-2H	1	2U 650W Redundant Cooling Power Supply
Fan(s)	FAN-0063L4	4	9cm Hot-swap PWM Cooling Fan
SCA	CSE-PT39-B0	8	1" SCA Assy. (w/o Logo, Black) Drive Tray
	CSE-SATA-833	1	SAS / SATA Backplane w/o SAF-TE
Cables	CBL-0044	1	2' SATA Cable
	CBL-0216L	4	4 to 4-pin middle fan power extension cable, 200mm (PWM)
Peripheral Drives	MCP-290-83301-0B	1	Black DVD Dummy Cover
Mounting Rails	CSE-PT50	1	3U Chassis Mounting Rails

Optional Parts List

	Part Number	Qty	Description
Fan(s)	FAN-0062L4	-	80x32mm 4-pin PWM fan assembly
Front USB Kit	CSE-PT29(B)	-	2 Ports Front USB Kit (B = Black)
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Peripheral Drives	FPD-TEAC (B)	-	TEAC 3.5" 1.44MB Floppy Drive
	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-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	MCP-220-81502-0N	-	Slim SATA DVD kit (include backplane, cable)
Rear I/O	-	-	Other I/O Shield for 4U / Tower Chassis
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray

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