

SuperChassis 833T-653B



Cost Effective 3U Chassis Optimized for DP Motherboards

Key Features

1. 650W High-efficiency Gold Level Power Supply with Power Switch
 2. 8x 3.5" Hot-swap SATA & 2x 5.25" Drive Bays
 3. Support Optional Slim DVD-ROM/DVD-RW
 4. Support Optional Hot-swap Slim HDD/SSD Drive Kits and Mobile Racks
 5. 6x Full-height, Full-length Expansion Slots
 6. Six Internal Fans (4 middle, 2 rear) for 100% Cooling Redundancy
 7. Six LED Indicators
 8. Adjustable Air Shroud Design
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▶ [Chassis Manual](#)
▶ [Optimization](#)

Note: Image above may show a varied configuration of 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-653B ■ SuperChassis 833T-653B

Form Factor

- 3U chassis - supports maximum motherboard sizes up to 12" x 13" E-ATX

Processor Support

- Dual and Single Intel® and AMD processors

Dimensions

Height	■ 5.2" (132 mm)
Width	■ 17.7" (450 mm)
Depth	■ 25.5" (647 mm)
Gross Weight	■ 69 lbs (31.3 kg)
Packaging (W x H x L)	■ 26.6" (676 mm) x 13.6" (345 mm) x 34.6" (879 mm)
Available Color	■ Black

Expansion Slots

- 6 full-height & full-length expansion slot(s)

Drive Bays

- 8 x 3.5" hot-sw ap drive bay

Backplane

- SATA back panel for SC833 chassis

Peripheral Drives

- 2 x standard 5.25" drive bay
- Optional 1 x 3.5" internal fixed drive bay
- Optional 1 x slim DVD-ROM drive bay

Front Panel

Buttons	<ul style="list-style-type: none">■ Power On/Off button■ System Reset Button
LEDs	<ul style="list-style-type: none">■ 2 Network Activity LEDs■ HDD activity LED■ Power LED■ System Overheat LED

Systems Cooling

Fans	<ul style="list-style-type: none">■ 4 x 9cm hot-sw ap cooling fan(s)■ 2 x 80mm rear hot-sw ap exhaust PWM fan(s)
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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 - 70°C (-40°F - 158°F)
Operating Relative Humidity Range	■ 8% - 90% (non-condensing)
Non-Operating Relative Humidity Range	■ 5% - 95% (non-condensing)

Power Supply

PWS-652-2H

Dimensions (L x W x H)	■ 308 x 106 x 83.2 mm
Output Type	■ 20pin ATX
+12V	■ Max: 54A
+5V	■ Max: 30A
+3.3V	■ Max: 25A
+5Vsb	■ Max: 4A

Certification



Components

Standard Parts List

	Part Number	Qty	Description
Air Shroud	CSE-PT45	1	Air Shroud (side Piece) for 3U Chassis
Air Shroud	MCP-310-38002-0N	1	SC833/933 Intel DP X8/H8/X9 Universal air shroud 12x13MB
HD Backplane	CSE-SATA-833	1	SATA back panel for SC833 chassis
Cable(S)	CBL-0044L	1	SATA,INT,FLAT,57.7CM,26AWG
Cable(S)	CBL-0160L	1	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable(S)	CBL-0216L	4	4 PIN TO 4 PIN MIDDLE FAN POWER EXTENSION, 20cm. 24AWG(PWM)
CD-ROM & Accessory	MCP-290-83301-0B	1	Black DVD dummy cover for 832, 833, 835
Fan(s)	FAN-0064L4	4	92X38MM 4-PIN PWM FAN W/ HUS FOR SC833/933
Fan(s)	FAN-0125L4	2	80x32 mm 6.7K RPM SC836 Rear Exhaust Fan w / Housing
Drive Tray(s)	MCP-220-00093-0B	8	Black gen 3.5 hot-sw ap 3.5"; HDD tray (w/o logo)
Mounting Rail(s)	CSE-PT50L	1	3U ball-bearing rail for SC832,833,932,933, 28

Optional Parts List

	Part Number	Qty	Description
Front USB	SC-PT29(B)	-	2-Ports Front USB Kit (B=Black)
LCD Module	MCP-220-00095-0B	-	5.25" USB LCD Kit
HDD Tray	MCP-220-00118-0B	-	Black gen-5.5 tool-less 3.5-to-2.5 converter drive tray,RoHS/REACH
HDD Kit	MCP-220-81506-0N	-	12G 2.5-in Hot-sw ap Slim DVD Size Drive Kit with Status LED
DVD-ROM / DVD-RW	DVM-TEAC-DVDRW-SBT4	-	BLACK TEAC SLIM DVD-RW SATA DRIVE,RoHS
DVD-ROM / DVD-RW	DVM-TEAC-DVD-SBT4	-	BLACK TEAC SLIM DVD ROM SATA DRIVE,HF,RoHS/REACH
DVD-ROM / DVD-RW	DVM-PNSC-DVD-SBT3	-	BLACK PANASONIC SLIM DVD ROM SATA DRIVE,HF,RoHS/REACH
SATA DVD Kit	MCP-220-81502-0N	-	Slim SATA DVD mounting kit for SC213,219,813,815,818,819,825,828,829,836,842
Mobile Rack	CSE-M14TQC	-	Black SAS3/SATA3 Mobile Rack for 4x 2.5
Mobile Rack	CSE-M28SAB-OEM	-	Black SAS/SATA Mobile Rack for 8x 2.5" HDD w/o fan module
Mobile Rack	CSE-M28SACB-OEM	-	Black SAS3/SATA3 Mobile Rack for 8x 2.5" HDD w/o fan module,HF,RoHS/REACH,PBF

Motherboard (for CSE- 833T-653B)

<u>X9DRL-3F</u>	<u>X9DRL-iF</u>	<u>X9DBL-3F</u>	<u>X9DBL-iF</u>
X9SRH-7F	X9SRH-7TF	H8DCL-6	H8DCL-6F
H8DCL-i	H8DCL-iF	H8SCM	<u>H8SCM-F</u>
<u>X9DBL-3</u>	<u>X9DBL-i</u>	H8SML-7F	H8SML-7
H8SML-iF	H8SML-i	<u>X9DRL-7F</u>	<u>X9DRL-EF</u>
<u>X10SL7-F</u>	<u>X10SLM+-LN4F</u>	<u>X10SLM+-F</u>	<u>X10SLH-F</u>
<u>X10SLM-F</u>	<u>X10SLL-F</u>	<u>X10SLL-S</u>	<u>X10SLL-SF</u>
<u>X10SLL+-F</u>	<u>X10DRL-i</u>	<u>X10SRL-F</u>	<u>X10SRI-F</u>
<u>X10SRH-CF</u>	<u>X10SRH-CLN4F</u>	<u>X10DRL-CT</u>	<u>X10DRL-iT</u>
<u>X10DRL-C</u>	<u>X11SSH-F</u>	<u>X11SSH-LN4F</u>	<u>X11SSA-F</u>
<u>X11SSL-F</u>	<u>X11SSL</u>	<u>X11SSM-F</u>	<u>X11SSM</u>
<u>X10SRM-TE</u>	<u>X10SRM-F</u>	<u>X10DRL-LN4</u>	

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU