SuperChassis 825S2-560LPV / 825S2-560LPB

Key Features

1. 560W High-efficiency Power Supply
2. 8x 3.5" Hot-swap U320 SCSI Drive Bays
3. 1x Slim DVD-ROM Drive (Optional)
4. Adjustable Air Shroud
5. 7x Low-profile, Full-length I/O Expansion Slots
6. 1x Serial, 2x USB Front Access I/O
7. 2x Fixed 3.5" Drive Bays

Available Colors

Silver
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-825S2-560LPV	▪ SuperChassis 825S2-560LPV (Silver): OEM only *
CSE-825S2-560LPB	▪ SuperChassis 825S2-560LPB (Black)

Form Factor

2U chassis support for motherboard size - 12" x 13", 13.68" x 13" E-ATX and 12" x 10" ATX

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height	3.5" (89mm)
Width	17.2" (437mm)
Depth	25.5" (648mm)
Gross Weight	50 lbs (22.7kg)
Available Colors	Black, Silver (OEM) *

Expansion Slots

• 7x low-profile full-length expansion slots

Drive Bays

Hot-swap	8x 3.5" U320 SCSI Hot-swap drive trays

SCSI Backplane

1x 2U Dual-Channel U320 SCSI backplane

Peripheral Drives

DVD-ROM	Slim DVD-ROM drive (Optional)

Front Panel

Buttons	• Power On/Off button • System Reset button
LEDs	• Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED • Power fail LED
Ports	2x USB Ports + DB9 COM Port

System Cooling

Fans	3x 80mm 6300 RPM 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

560W AC power supply with PFC (24-pin)

AC Voltage	▪ 100-240 V, 50-60 Hz, 8.5-4 Amp
+5V	▪ 25 Amp
+5V standby	▪ 3 Amp
+12V	▪ 43.6 Amp
-12V	▪ 0.6 Amp
+3.3V	▪ 21 Amp
Certification	80 PLUS Certified

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

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-825S2-560LPV	1	2U Chassis (Silver): OEM *
	CSE-825S2-560LPB	1	2U Chassis (Black)
Backplane	BPN-SCA-825S2	1	Dual-channel U320 SCSI Backplane
Cable(s)	CBL-033L-U320	1	9" Two-drop U320 SCSI Cable
	CBL-0063L	1	20" SCSI Cable
	CBL-0139L	1	50cm 80-Wire IDE (DVD-ROM) Cable
Fan(s)	FAN-0094L4	3	2U, 80x38mm 4-pin PWM fan with HUS
Floppy Tray	MCP-290-00003-03(01)	1	Silver Floppy Disk Drive Tray Cover (01 = Black, 03 = Silver)
Fixed Hard Drive Carrier	MCP-220-82502-0V(B)	2	FDD dummy tray support 1x 3.5" HDD
	MCP-220-82503-0B	1	Black slim FDD kit
Hot-swap Hard Drive Carrier	MCP-220-00001-03(01)	8	Silver SATA Hot-swap Hard Drive Carriers (01 = Black, 03 = Silver)
Mounting Rails	MCP-290-00053-0N	1	26.5" to 36.4" rail set, quick/quick, default for 2, 3U 17.2" W chassis
Rail Adaptor	MCP-290-00060-0N	1	Square hole to round hole rail adaptor set
Peripheral Drives	MCP-220-00007-01	1	Black USB/COM port tray
Power	PWS-561-1H	1	560W 2U High-efficiency Power Supply with Harness
	CSE-PT0130	1	Dummy Power Cover
Air Shroud	MCP-310-28001-0N	1	SC825/826/216/213 Intel DP X8X7 PC air shroud [Manual]
USB	MCP-220-00007-00	1	USB Tray Assembly

Optional Parts List

	Part Number	Qty	Description
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Cable(s)	CBL-0044L	-	SATA Cable, S-S, 61cm
	CBL-0082L	-	Y-split SATA power adapter
	CBL-0296L	-	Fan extension cord, 9"
Mounting Rails	MCP-290-00058-0N	-	19" to 26.6" rail set, Quick Release, Tool-less
Peripheral Drives	FPD-TEAC-S(B)	-	Slim TEAC Floppy Drive (B = Black)
	MCP-220-00007-01	-	Black USB/COM port tray
	MCP-290-00007-(01/03)	-	DVD-ROM Drive Dummy Cover (01 = Black / 03 = Silver)
Peripheral Drives	DVM-TEAC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), Panasonic
	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
	CSE-PT92L	-	Slim IDE DVD kit (include backplane, cable)
	MCP-220-81502-0N	-	Slim SATA DVD kit (include backplane, cable)
Trays	MCP-220-00023-01	-	Black USB dummy tray support 1x 2.5" slim HDD
	MCP-290-00036-0B	-	Black DVD dummy tray support 1x 2.5" slim HDD
Front Bezel (Compatibility Table)	MCP-210-82503-0B	-	Front Bezel Cover, Black (optional)
LCD/OLED Solutions	-	-	Please reference the LCD/OLED Display Solutions for details
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray

* For OEMs Only - Minimum quantity required. Please contact your Supermicro Sales representative for additional details.

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