


SuperChassis 826E1-R800LPV / 826E1-R800LPB


Products > Chassis > 2U > [SC826E1-R800LPV / SC826E1-R800LPB]




Key Features


1. 800W Redundant Power Supply
2. 12 x 3.5" Hot-swap SAS / SATA Drive Bays
3. 28-Port 3Gb/s SAS Expander with Enclosure Management
4. 3 x 80mm 6300 RPM Fan
5. 7 x Low-profile, Full-length I/O Expansion Slot
6. Can be configured as either HEAD Or JBOD unit

Available Colors

Silver 

Black 

Downloads

Chassis Manual 

Specifications

Product SKUs

- CSE-826E1-R800LPV** ▪ SuperChassis 826E1-R800LPV (Silver): OEM only *
- CSE-826E1-R800LPB** ▪ SuperChassis 826E1-R800LPB (Black)

Form Factor

2U chassis support for max. motherboard size - 13" x 13.68" E-ATX

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Width	17.2" (437mm)
Height	3.5" (89mm)
Depth	25.5" (648mm)
Gross Weight	52 lbs (23.6kg)
Packaging	▪ 26.7" (W) x 11.4" (H) x 34.5" (L)

Available Colors Black, Silver (OEM) *

Expansion Slots

- 7x low-profile full-length expansion slots

Drive Bays

Hot-swap 12 x 3.5" SAS / SATA Hot-swap drive trays

Backplane

- 2U Expander Backplane, features:
- Scalability through cascading
 - 3Gb support
 - Inband SES-2 Enclosure Management
 - SAS/SATA support
 - Single input/output SFF 8087 connectors

Front Panel

- Buttons**
- Power On/Off button
 - System Reset button

System Cooling

Fans 3x 80mm 6300 RPM fans

System Monitoring

Chassis intrusion switch

Operating Environment (System)

- Operating Temperature Range** ▪ 10 - 35°C (50° - 95°F)
- Non-Operating Temperature Range** ▪ -40 - 70°C (-40° - 158°F)
- Humidity Range*** 8 - 90% non-condensing
- Non-Operating Humidity Range** ▪ 5 - 95% non-condensing

Power Supply and Distributor

800W (1 + 1) Redundant AC-DC high-efficiency power supply w/ PFC

- AC Voltage** ▪ 100 - 240V, 50-60Hz, 10-4 Amp
- +5V standby** ▪ 4 Amp
- +12V** ▪ 66 Amp
- +5V** ▪ 30 Amp
- +3.3V** ▪ 24 Amp
- 12V** ▪ 0.6 Amp


Regulatory (Power Supply)

- USA - UL listed
- Canada - CUL listed
- Germany - TUV Certified
- EN 60950/IEC 60950-Compliant
- CB Report
- CCC Certification

Power Supply Safety / EMC

	Part Number	Qty	Description
Chassis	CSE-826E1-R800LPV	1	2U Chassis (Silver): OEM *
	CSE-826E1-R800LPB	1	2U Chassis (Black)
Air Shroud	MCP-310-00005-00	1	Air Shroud
Backplane	BPN-SAS-826EL1	1	2U SAS / SATA Expander Backplane with single LSI SASX28 Expander Chip
Cable(s)	CBL-0087	1	20" 16-pin to 16-pin Round Cable
	CBL-0217L	1	16-pin Control Panel Converter Cable
Fan(s)	FAN-0094L4	3	2U, 80x38mm 4-pin PWM fan with HUS
Hard Drive Carrier	MCP-220-00024-0V(B)	12	Silver SATA Hard Drive Carriers (01 = Black)
Mounting Rails	MCP-290-00053-0N	1	26.5" to 36.4" rail set, quick/quick, default for 2, 3U 17.2" W chassis
Power	PWS-801-1R	2	800W 2U power supply
	PDB-PT825-N24	1	Power Distributor

Optional Parts List

	Part Number	Qty	Description
Cable(s)	CBL-0166L	-	SAS 826EL2/EL1 BP External Cascading Cable
	CBL-0167L-LP	-	SAS 826EL1 BP 1-Port Internal Cascading Cable
	CBL-0168L-LP	-	SAS 826EL2 BP 2-Port Internal Cascading Cable
	CBL-0108L-02	-	SFF 8087 to SFF 8087 Internal Backplane Cable
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Hard Drive Carrier	MCP-220-00043-0N	-	3.5" convert to 2.5" HDD Tray
Mounting Rails	MCP-290-00058-0N	-	19" to 26.6" rail set, Quick Release, Tool-less
	MCP-290-00060-0N	-	Square hole to round hole rail adaptor set
Front Bezel (Compatibility Table)	MCP-210-82601-0B	-	 Front Bezel Cover, Black (optional)
JBOD Kit– Used for cascading purposes	CSE-PTJBOD-CB1	-	Power Control Card
	CBL-0166L	-	SAS 826EL2/EL1 BP External Cascading Cable
	CBL-0167L-LP	-	SAS 826EL1 BP 1-Port Internal Cascading Cable
RAID cards	AOC-USASLP-H8iR	-	8 int ports, supports 240 HDDs
HBA cards	AOC-USASLP-L8i	-	8 int ports, supports 122 HDDs

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