

SuperChassis 826SE1C-R1K02JBOD



Key Features

Simply Double High Density JBOD Storage Enclosure

Extreme High Density Storage Chassis support 24x (12 front + 12 middle) 3.5" SAS/SATA 12Gb/s Hot-Swap Bays

Single Expander Backplane Boards support SAS/SATA HDDs with 12Gb/s throughput

4x Mini-SAS HD ports for Internal/External Cascading

1000W (1+1) Redundant High-efficiency Titanium Level power supplies with PMBus

Optimize cooling with 5x 8cm Hot-Swap redundant fans

JBOD Power Control Board with IPMI for remote monitor and power on-off; Internal Connection Cables Included

Qualified SAS HBA / controller:
AOC-SAS3-9500-8E - 12Gb/s 2-external ports SAS3 HBA
AOC-SAS3-9500-16E - 12Gb/s 4-external ports SAS3 HBA
AOC-SAS3-9580-8I8E - 12Gb/s 2-external ports SAS3 RAID Controller

For system validation and quality assurance purposes, system configurations require a minimum of 50% of the available drives be populated with validated Supermicro drives. Please contact your Supermicro sales rep for validated HDD.

Product SKUs	
CSE-826SE1C-R1K02JBOD	SuperChassis 826SE1C-R1K02JBOD

Form Factor	
	2U SAS3 Simply double JBOD storage enclosure

Dimensions	
Height	3.5" (89 mm)
Width	17.2" (437 mm)
Depth	34" (863.6 mm) 41" (1041 mm) with cable management arm installed
Gross Weight	55 lbs (24.95 kg)
Net Weight	40 lbs (18.14 kg)
Packaging (W x H x L)	29.09" (739 mm) x 11.96" (304 mm) x 51" (1295 mm)
Available Color	Black

Drive Bays	
	24x 3.5" hot-swap HDD bay

Qualified SAS Controllers	
	AOC-SAS3-9380-8E: SAS 12Gb/s PCIe 3.0 8-Port MegaRAID Controller AOC-SAS3-9300-8E: SAS 12Gb/s PCIe 3.0 8-Port Host Bus Adapter AOC-SAS3-9500-8E: SAS 12Gb/s PCIe 4.0 8-Port Host Bus Adapter AOC-SAS3-9500-16E: SAS 12Gb/s PCIe 4.0 16-Port Host Bus Adapter AOC-SAS3-9580-8I8E: SAS 12Gb/s PCIe 4.0 8-Port MegaRAID Controller

Backplane	
	12-Port 2U Simply-Double SAS3 12Gbps single-expander backplane, support up to 8x 3.5-inch SAS3/SATA3 HDD and 4x NVMe/SAS3/SATA3 storage devices

Front Panel	
Button	- Power On/Off button - Unit Identification (UID) button
LED	- Power status LED 1 Network activity LEDs - Power Fail LED - Unit Identification (UID) LED - Fan Fail/System Over Heat LED

Systems Cooling	
Fans	5x 8cm hot-swap redundant PWM cooling fan(s)

System Monitoring	
	IPMI

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	
	1U 800/1000W Redundant Single Output Power Supply Titanium Level, CRPS 203mm length
Power Efficiency	96%
Total Output Power and Input	800W with Input 100 - 127Vac 1000W with Input 200 - 240Vac 1000W with Input 200 - 240Vdc
AC Input Frequency	50-60Hz
Dimensions (L x W x H)	203 x 73.5 x 40 mm
Output Type	Backplanes (gold finger)
+12V	- Max: 66.7A / Min: 0A (100Vac - 127Vac) - Max: 83A / Min: 0A (200Vac - 240Vac) - Max: 83A (200Vdc - 240Vdc)
+12Vsb	Max: 2.1A / Min: 0A
Power Distributor	- PDB-PT226S-8824 - O/P: 12V/168A +5V Max: 60A +3.3V Max: 25A -12V Max: 0.6A
Certification	80 PLUS Titanium Certified

Regulatory (Power Supply)	
Power Supply Safety / EMC	- BSMI - CCC - CE/EMC - FCC class A - UL/CB - UL/CUL

Standard Parts List			
	Part Number	Qty	Description
Bracket	MCP-120-84702-0N	1	CB3 mounting bracket for use on chassis with CB2 holes. Bracket to mount CB3 card on existing CB2 standoff on SC847/SC417/SC837/SC826/SC836/SC846 in JBOD configuration.,HF,RoHS/REACH,PBF
Bracket	MCP-120-84705-0N	1	LP PCI bracket for CBL-NTWK-0587 LAN extension cable,HF,RoHS/REACH,PBF
HD Backplane	BPN-SAS3-826SEL1-N4	2	12-port 2U Simply-Double SAS3 12Gbps single-expander backplane, support up to 8x 3.5-inch SAS3/SATA3 HDD and 4x NVMe/SAS3/SATA3 storage devices
Control Board	CSE-PTJBOD-CB3	1	JBOD chassis power control board with IPMI remote on/off feature
Cable(s)	CBL-0042L	1	24 PIN POWER CONNECTOR EXTENTION, LF
Cable(s)	CBL-0049L	1	FRONT CABLE 16 PIN TO 16 PIN, LF
Cable(s)	CBL-0459L	2	AC Power Cord Latch Clamp
Cable(s)	CBL-CDAT-0899	1	I2C,1X4F/P2.5 TO 1X4F/P2.5, 65CM,26AWG,BRN/BLK-SHUNT/ORG
Cable(s)	CBL-NTWK-0587	1	INT RJ45M/RJ45F Adapter W/ PCB 50CM 24AWG for SC847D JBOD
Cable(s)	CBL-PWEX-0901	2	BPN PWEX,2X4F to 2X4F,GPU,P4.2,BLK*4,YEL*2,RED*2,33CM,18AWG,
Cable(s)	CBL-PWEX-0903	2	BPN PWEX,2X4F to 2X4F,GPU,P4.2,BLK*4,YEL*2,RED*2,72CM,18AWG,For CSE-226STS-R1K62P1 only
Cable(s)	CBL-SAST-0836	4	MINI SAS HD,INT,48CM,32AWG w/oSB
Cable(s)	CBL-SAST-0896	2	MINI SAS HD,INT,SAS3 SSD,80CM w/SB,Flat,30AWG
Part(s)	MCP-120-00062-0N	3	Blank LP L-bracket (5x5 square hole)
Part(s)	MCP-120-22601-0N	1	2U air shroud BKT left screw-less for SC226S
Part(s)	MCP-120-22602-0N	1	2U air shroud BKT right for SC226S
Part(s)	MCP-130-22602-0B	1	Black PDB cover for SC226S
Part(s)	MCP-230-82606-0N	1	Top middle cover for SC826S
Part(s)	MCP-240-22602-0N	1	2U SC226S PWS & PDB housing cage
Part(s)	MCP-290-00086-0N	1	Cable Management Arm for 1U ball bearing Chassis SC801S/801L,RoHS/REACH
Part(s)	MCP-290-82615-0V	1	2U SC226S/ 826S JBOD handle set w/o front control board
Fan(s)	FAN-0168L4	5	80x80x38 mm, 13.5K RPM, Middle Cooling Fan for SC226S Chassis (48-bay)
Front Panel	MCP-280-00015-0N	1	Front control board for SC826 (inside the left handle),FP826
Front Panel	MCP-280-00018-0N	1	SC826 front control board adapter
Drive Tray(s)	MCP-290-82607-0N	1	826B/216B rear dummy cover for 2 X 2.5
Drive Tray(s)	MCP-220-00133-0B	24	Black gen 8 hot-swap 3.5" HDD tray
Power Distributor	PDB-PT226S-8824	1	12V 25pair connector inpu with special wires 12V/168A output
Power Supply & Accessory	PWS-1K02A-1R	2	1U 1000W Redundant Power Supply 73.5mm width Titanium Level,RoHS/REACH
Mounting Rail(s)	MCP-290-00139-0N	1	
Rear Window	MCP-290-00132-0N	1	
Rear Window	MCP-240-82611-0N	1	SC826S, 226S JBOD rear window

Optional Parts List			
	Part Number	Qty	Description
Cable	CBL-SAST-0677 •eStore	-	MINI SAS HD,12G,EXT,3M,28AWG
	CBL-SAST-0690 •eStore	-	MINI SAS HD,12G,EXT,2M,28AWG
HDD Tray Converter	MCP-220-00140-0B •eStore	-	Black gen 8 hot-swap 3.5-to-2.5 Tool-less HDD tray, orange tab
Rail	MCP-290-11808-0N	-	Rail set, Quick/Quick, Auto Latch, 609.6mm Short Version, 685mm~812.8mm (Note: If short rail is used, system will not support cable management arm)