

SuperChassis 826BAC12-R802LPB



Key Features

- 800W high-efficiency AC-DC Redundant power supplies
- Direct attached Storage Rackmount chassis
- Support 12x SAS3/SATA3/NVMe4 storage devices
- 3 high-performance fans with adjustable air shroud

Specifications

Product SKUs SuperChassis 826BAC12-R802LPB
Form Factor 2U chassis support max. motherboard size - ATX 12" x 10", E-ATX 12" x 13", EE-ATX 13" x 13.68" with rear 2.5" HDD option installed
Processor Support Dual and Single Intel® and AMD processors
Dimensions Height 3.5" (89 mm) Width 17.2" (437 mm) Depth 25.5" (647 mm) Gross Weight 55 lbs (24.95 kg) Net Weight 40 lbs (18.14 kg) Packaging (W x H x L) 26.7" (678 mm) x 11.4" (290 mm) x 34.5" (876 mm) Available Color Black
Expansion Slots 7x Low-profile expansion slot(s)
Drive Bays Optional 2x 2.5" hot-swap drive bay 12x 3.5" hot-swap drive bay 12x SAS3/SATA3/NVMe4 storage devices
Backplane 12-Port 2U LFF Backplane Supports 12 x SAS3/SATA3/NVMe4 Storage Devices with 1x(2x4) + 4x(1x4) power connectors, co-lay with BPN-SAS3-LA26A-N12,HF,RoHS
Front Panel Button Power On/Off button System Reset button LED Power status LED HDD activity LED 2 Network Activity LEDs Unit Identification (UID) LED Fan Fail/System Over Heat LED

Systems Cooling Fans 3x 8cm high-performance PWM fan(s)
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 1U 800W Redundant Power Supply 76mm width, W/PMbus, Titanium
Power Efficiency 96%
Total Output Power and Input 800W with Input 200 - 240Vdc 800W with Input 100 - 240Vac
AC Input Frequency 50-60Hz
Dimensions (L x W x H) 336 x 76 x 40 mm
Output Type Backplanes (gold finger) +12V Max: 66A / Min: 0A (100Vac - 240Vac) Max: 66A / Min: 0A (200Vdc - 240Vdc) +5Vsb Max: 4A / Min: 0A
Power Distributor PDB-PT826-8824 O/P: 12V/135 +5V Max: 40A +3.3V Max: 24A -12V Max: 0.6A
Certification  Titanium Certified

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

Standard Parts List

Air Shroud	
Part Number	MCP-310-29001-0N
Qty	1
Description	SC825/826/216/213 Intel DP X9,X8 air shroud 13.68x13/12x13
HD Backplane	
Part Number	BPN-SAS3-LA26A-N12
Qty	1
Description	2U 12-Slot LFF Backplane Supports 12 x SAS3/SATA3/NVMe4 Storage Devices with 1x(2x4) + 4x(1x4) power connectors, co-lay with BPN-SAS3-LA26A-N12,HF,RoHS
Cable(s)	
Part Number	CBL-CDAT-0921-85
Qty	1
Description	[NR] I2C,(1x4F to 1x4F)/P2.5,85CM,26AWG,RoHS
Cable(s)	
Part Number	CBL-PWCD-0160-IS
Qty	2
Description	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH
Cable(s)	
Part Number	CBL-PWEX-1069
Qty	3
Description	PWEX,FAN,1X4/P2.5 TO 1X4/P2.54,30CM,22AWG,5A/pin,RoHS
Part(s)	
Part Number	MCP-120-00115-0N
Qty	7
Description	Blank LP L-bracket with 4x4 vent holes
Part(s)	
Part Number	MCP-230-82602-0N
Qty	1
Description	Top cover for SC826B/216B/825B
Part(s)	
Part Number	MCP-290-82604-0V
Qty	1
Description	Silver right chassis handle for SC826,HF,RoHS/REACH,PBF
Part(s)	
Part Number	MCP-290-82617-0V
Qty	1
Description	SC826B left chassis handle w/ RESET mylar for FPB-FP826-T
Fan(s)	
Part Number	FAN-0166L4
Qty	3
Description	80x80x38 mm, 13.5K RPM, Optional Middle Cooling Fan for 2U Ultra Series Servers (Hot-swappable Version of FAN-0162L4)
Fan(s)	
Part Number	FAN-0206L4
Qty	3
Description	80x80x38 mm, 13.5K RPM, Middle Cooling Fan for 2U and above Servers
Front Panel	
Part Number	FPB-TB826-T
Qty	1
Description	Chassis transfer board for SC826
Drive Tray(s)	
Part Number	MCP-220-00075-0B
Qty	12
Description	Black gen 5.5 hot-swap 3.5" HDD tray
Power Distributor	
Part Number	PDB-PT826-8824
Qty	1
Description	PDB with longer 24pin for SC826B
Power Supply & Accessory	
Part Number	PWS-802A-1R
Qty	2
Description	1U 800W 100-240Vac/47-63Hz, and DC240 input
Mounting Rail(s)	
Part Number	MCP-290-00053-0N
Qty	1
Description	Rail set, quick/quick, default for 2,3U 17.2"W
Mounting Rail(s)	
Part Number	MCP-290-00060-0N

Qty	1
Description	Threaded rail adapter default for round hole rack

Rear Window	
Part Number	MCP-240-82608-0N
Qty	1
Description	216B/826B LP rear window,RoHS/REACH,PBF

Optional Parts

Front Bezel	
Part Number	MCP-210-82601-0B • eStore
Qty	-
Description	Black Front Bezel for 826 chassis

HDD Kit	
Part Number	<u>MCP-220-82616-0N</u> • eStore
Qty	-
Description	12G 2.5x2 Drive Kit w/ Status LED(216B/826B/417B/846X/847B)

Short Rail	
Part Number	MCP-290-00058-0N • eStore
Qty	-
Description	Short rail set, quick release, 19.6"-26.9" Extendable Length

Tray(s)	
Part Number	MCP-220-00116-0B • eStore MCP-220-00118-0B • eStore
Qty	- -
Description	Black gen-5 3.5-to-2.5 NVMe drive tray, Orange tab (for hotswap NVMe drive),RoHS/REACH Black gen-5.5 tool-less 3.5-to-2.5 converter drive tray,RoHS/REACH

Motherboard (for CSE-826BAC12-R802LPB)

Motherboard Name
X12SPI-TF

● = Most optimized Chassis for SuperServer Configuration
 Blue color = Compatible
 Green color = Global SKU & Compatible
 Red dot & green color = Optimized + Global SKU