

SuperChassis 846E16-R1200B

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Alternate View



Rear View



Available Color

Black



Key Features

- High Performance SAS2/6Gbs Expander
- High Efficiency PS and Storage Capacity

1. 4U Storage Chassis with expander for Scalability
2. 1200W high-efficiency (1+1) redundant power supply (Gold Level 93%)
3. 24x 3.5" SAS/SATA Hot-swappable Drive Bays
4. Mini-L-Pass (SFF 8087) connectivity
5. 100% Cooling Redundancy
6. Power Switch, Reset Switch & 6 LED Indicators
7. Optional 2x Internal Fixed 3.5" HDD or 2x fixed 2.5" HDD + DVD
8. Palletized package for secure transportation

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

- CSE-846E16-R1200B** | SuperChassis 846E16-R1200B (Black)

Form Factor

4U chassis support for motherboards up to size 13.68" x 13", E-ATX and ATX

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

- | | |
|------------------|-----------------|
| Height | 7" (178mm) |
| Width | 17.2" (437mm) |
| Depth | 26" (660mm) |
| Gross Weight | 75 lbs (34.0kg) |
| Available Colors | Black |

Expansion Slots

7x PCI expansion slots

Drive Bays

- | | |
|----------|--|
| Hot-swap | 24x 3.5" Hot-swappable (SAS / SATA) Drive Bays |
| Optional | 2x Fixed Internal Hard Drive Bays OR
1x Fixed Internal Hard Drive Bay and
1x DVD-ROM Drive or Floppy Drive |

Backplane

- 4U Expander Backplane, features:
- SAS2 compliance
 - Scalability through cascading
 - 6Gb 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 |
| LEDs | Power LED
Hard drive activity LED
2x Network activity LEDs
System Overheat LED
Power Fail LED |

System Cooling

Fans

- 3x 6300 RPM Hot-swappable PWM Cooling Fans
- 2x 5000 RPM Hot-swappable Rear Exhaust 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

Redundant 1200W high-efficiency power supply with PMBus

- | | |
|--------------------|---|
| AC Input | 1000W Output @ 100-140V, 11.5-8A, 50-60Hz
1200W Output @ 180-240V, 8-5.5A, 50-60Hz |
| DC Output | 1000W: +12V/83A; +5Vsb/4A
1200W: +12V/100A; +5Vsb/4A |
| DC Output with PDB | +5V: 50 Amp
+3.3V: 30 Amp
-12V: 0.6 Amp |

Certification



Gold Certified
[[Test Report](#)]

Regulatory (Power Supply)

- | | |
|---------------------------|--|
| Power Supply Safety / EMC | USA - UL listed, FCC
Canada - CUL listed
Germany - TUV Certified
Europe/CE Mark
EN 60950/IEC 60950-Compliant |
|---------------------------|--|

Components

[See Parts List](#)