



# SuperChassis 847BE1C-R1K28LPB

Products ▶ Chassis ▶ 4U ▶ [SC847BE1C-R1K28LPB]

## Key Features

1. 36x (24 front + 12 rear) 3.5" hot-swap SAS/SATA drive bays supporting SAS3/2 or SATA3 HDDs with 12Gbps throughput
2. Optional rear 2.5" removable HDD
3. Redundant 1280W Platinum Level (1+1) power supplies with PMBus
4. 7x low-profile expansion slots; 7x 8cm (middle) hot-swap cooling fans and adjustable air shroud
5. E1C: Single SAS3 (12Gbps) expander backplane; E2C: Dual SAS3 (12Gbps) expanders backplane
6. Mini SAS HD (SFF 8643) connectivity on backplane
7. Palletized packaging for easy shipping and handling

## Available Color

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

- CSE-847BE1C-R1K28LPB SuperChassis 847BE1C-R1K28LPB (Black)

### Form Factor

4U chassis for motherboard support size of 13.68" x 13", 9.6" x 9.6"

### Processor Support

Single and Dual Intel® and AMD processors

### Dimensions

- Height 7" (178mm)
- Width 17.2" (437mm)
- Depth 27.5" (699mm)
- Packaging 27.2" (W) x 17.4"(H) 39.6" (L)
- Gross Weight 75 lb (34.02 kg)
- Available Colors Black

### Expansion Slots

Up to Without Universal I/O (UIO) Card:  
7 low-profile expansion slot(s)

### Drive Bays

- Storage Chassis 36x 3.5" hot-swap drive bay
- SAS or enterprise SATA HDD only recommended

### Backplane

HDD Backplane supports 36 SAS hard drives

### Front Panel

- Buttons
  - Power On/Off button
  - System Reset Button
- LEDs
  - 2 Network Activity LEDs
  - Fan Fail/System Over Heat LED
  - HDD activity LED
  - Power Status LED
  - Unit Identification (UID) LED

### Motherboard (for CSE-847BE1C-R1K28LPB )

- X10DRC-LN4+
- X10DRH-C
- X10DRH-CT
- X10DRH-iT
- X10DRI-LN4+
- X10DRI-T4+
- X9DB3-F
- X9DBI-F
- X9DR3-F
- X9DRD-7LN4F-JBOD
- X9DRH-7F
- X9DRH-iF
- X9DRH-iTF
- X10DRC-T4+
- X10DRH-CLN4
- X10DRH-I
- X10DRI
- X10DRI-T
- X10SRH-CLN4F
- X9DB3-TPF
- X9DBI-TPF
- X9DRD-7LN4F
- X9DRD-EF
- X9DRH-7TF
- X9DRH-iF-NV
- X9DRI-F

### System Cooling

- Fans 7x 8cm (7000 RPM) hot-swap PWM cooling fan

### 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 with Digital Switching Control & PMBus 1.2

1280W High-Efficiency (95%+) power supply

- AC Input
  - 1000W Output @ 100-140V, 12-8A, 50-60Hz
  - 1280W Output @ 180-240V, 8-6A, 50-60Hz
- DC Output
  - 1000W: +12V/83A; +5Vsb/4A
  - 1280W: +12V/106.7A, +5Vsb/4A

Certification



Platinum 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](#)