

# SuperChassis 847BE1C-R1K28LPB



### Key Features

1. 4U Chassis for motherboard support size: (12" x 10") (13.68" x 13") (9.6" x 9.6")
2. 36 x 3.5" hot-swap SAS/SATA drive bay with SES3, optional 2 x 2.5" hot-swap drive bay
3. 12-port 2U SAS3 12Gbps single-expander backplane, support up to 12x 3.5-inch SAS3/SATA3 HDD/SSD
4. 24-port 4U SAS3 12Gbps single-expander backplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD
5. 7 low-profile expansion slot(s)
6. 7 x 8cm (7000 RPM) hot-swap PWM cooling fan(s)

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

#### Form Factor

- 4U Chassis for motherboard support size: (12" x 10") (13.68" x 13") (9.6" x 9.6")

#### Processor Support

- Single and Dual Intel® and AMD processors

#### Dimensions

- Height** • 7" (178 mm)
- Width** • 17.2" (437 mm)
- Depth** • 27.5" (699 mm)
- Gross Weight** • 91 lbs (41.28 kg)

- Packaging (W x H x L)** • 27.2" (691 mm) x 17.4" (442 mm) x 39.6" (1006 mm)

- Available Color** • Black

#### Expansion Slots

- 7 low-profile expansion slot(s)

#### Drive Bays

- 36 x 3.5" hot-swap SAS/SATA drive bay with SES3
- Optional 2 x 2.5" hot-swap drive bay

#### Backplane

- 12-port 2U SAS3 12Gbps single-expander backplane, support up to 12x 3.5-inch SAS3/SATA3 HDD/SSD

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

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

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

- |               |               |
|---------------|---------------|
| 6047R-E1CR36L | 5048R-E1CR36L |
| 6047R-E1CR36N | 6048R-E1CR36H |
| 6048R-E1CR36L | 6048R-E1CR36N |

#### Systems Cooling

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

- 24-port 4U SAS3 12Gbps single-expander backplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD

#### Peripheral Drives

- Optional 2 x 3.5" internal fixed drive bay
- Optional 4 x 2.5" internal fixed drive bay

#### Front Panel

- |                |   |
|----------------|---|
| <b>Buttons</b> | <ul style="list-style-type: none"> <li>• Power On/Off button</li> <li>• System Reset Button</li> </ul>  |
| <b>LEDs</b>    | <ul style="list-style-type: none"> <li>• 2 Network Activity LEDs</li> <li>• Fan Fail/System Over Heat LED</li> <li>• HDD activity LED</li> <li>• Power Status LED</li> <li>• Unit Identification (UID) LED</li> </ul> |

#### Operating Relative Humidity Range

- 8% - 90% (non-condensing)

#### Non-Operating Relative Humidity Range

- 5% - 95% (non-condensing)

#### Power Supply

##### Dimensions (L x W x H)

- x x mm

##### Power Distributor

- PDB-PT847-8824
- O/P: 12V/135
- +5V Max: 100
- +3.3V Max: 30
- -12V Max: 0.6

## Components

#### Standard Parts List

	Part Number	Qty	Description
<b>Air Shroud</b>	MCP-310-49004-0N	1	SC847/417 DP X9 universal PC air shroud 1368x13/12x13MB
<b>HD Backplane</b>	BPN-SAS3-826EL1	1	12-port 2U SAS3 12Gbps single-expander backplane, support up to 12x 3.5-inch SAS3/SATA3 HDD/SSD
<b>HD Backplane</b>	BPN-SAS3-846EL1	1	24-port 4U SAS3 12Gbps single-expander backplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD
<b>Cable(S)</b>	CBL-0071L	1	ROUND 16 pin TO 16 PIN RIBBON FP CABLE 75cm. 28AWG
<b>Cable(S)</b>	CBL-0160L	2	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
<b>Cable(S)</b>	CBL-0217L	1	16 pin control panel converter cable for SC826,846, 23.5cm, PBF
<b>Fan(s)</b>	FAN-0126L4	7	80x80x38 mm 7K RPM Chassis Middle Fan w/ Housing
<b>Front Panel</b>	MCP-280-82601-0N	1	Front control board adapter (TB826) for SC216,826,936,846
<b>Drive Tray(s)</b>	MCP-220-00075-0B	36	Black gen 5.5 hot-swap 3.5"; HDD tray
<b>Drive Tray(s)</b>	MCP-220-84708-ASM	1	SC847B LP MB Tray assembly,HF,RoHS/REACH
<b>Power Distributor</b>	PDB-PT847-8824	1	24pin standard output with 5V high current 100Amp power distributor board for SC847
<b>Power Supply &amp; Accessory</b>	PWS-1K28P-SQ	2	1U 1280W, redundant single output power supply
<b>Mounting Rail(s)</b>	MCP-290-00057-0N	1 set	Rail set, quick/quick, default for 4U 17.2"; W
<b>Mounting Rail(s)</b>	MCP-410-00007-0N	1	Rail screw bag

#### Optional Parts List

	Part Number	Qty	Description
<b>Cable</b>	CBL-SAST-0531	-	Internal Mini-SAS HD to Mini-SAS HD 80cm,30AWG,12Gb/s
<b>Cable</b>	CBL-SAST-0532	-	Internal Mini-SAS HD to Mini-SAS HD 50cm,30AWG,12Gb/s
<b>Drive Trays</b>	MCP-220-84701-0N	-	Internal drive bay for one 3.5" HDD or two 2.5" HDD
<b>Drive Trays</b>	MCP-220-00043-0N	-	3.5" convert to 2.5" hot-swap HDD Tray
<b>Front Bezel</b>	MCP-210-84601-0B	-	Front Bezel Cover, Black with Key Lock
<b>Mounting Rail</b>	MCP-290-00058-0N	-	19" to 26.6" rail set, Quick Release, Tool-less
<b>Mounting Rail</b>	MCP-290-00060-0N	-	Square hole to round hole rail adaptor set
<b>HDD Kit</b>	MCP-220-82609-0N	-	Rear 2.5 x 2 Hot swap HDD kit for 216B/826B/417B/846X/847B
<b>Drive Trays</b>	MCP-220-00043-0N	-	Black hotswap gen 4 3.5 to 2.5 HDD tray
<b>Drive Trays</b>	MCP-220-84701-0N	-	SC847 internal drive tray for one 3.5
<b>Cable</b>	CBL-SAST-0531-01	-	Internal Mini-SAS HD to Mini-SAS HD 80cm,30AWG,12Gb/s [FCI],RoHS/REACH
<b>Cable</b>	CBL-SAST-0532	-	Internal Mini-SAS HD to Mini-SAS HD 50cm,30AWG,12Gb/s,HF,RoHS/REACH,PBF
<b>Front Bezel</b>	MCP-210-84601-0B	-	Black Front Bezel For SC846 Chassis
<b>Rail</b>	MCP-290-00058-0N	-	Short rail set, quick release, 19.6"~26.9" Extendable Length
<b>Rail</b>	MCP-290-00061-0N	-	Non-threaded rail adapter optional for round thread rack
<b>HDD Kit</b>	MCP-220-82616-0N	-	12G 2.5x2 Drive Kit w/ Status LED (216B/826B/417B/846X/847B)