

SuperChassis 846BE1C-R1K28B



Key Features

1. 4U chassis support for max. motherboard size - EE-ATX (13.68" x 13"), E-ATX (12" x 13"), ATX (12" x 10")
2. 24 x 3.5" hot-swap drive bay
3. 24-port 4U SAS3 12Gbps single-expander backplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD
4. 7 full-height & full-length expansion slot(s)
5. 3 x 8cm hot-swap redundant PWM cooling fan(s)
6. 2 x 80mm rear hot-swap exhaust PWM 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-846BE1C-R1K28B**
- SuperChassis 846BE1C-R1K28B

Form Factor

- 4U chassis support for max. motherboard size - EE-ATX (13.68" x 13"), E-ATX (12" x 13"), ATX (12" x 10")

Processor Support

- Single and Dual Intel® and AMD processors

Dimensions

- | | |
|------------------------------|--|
| Height | • 7" (178 mm) |
| Width | • 17.2" (437 mm) |
| Depth | • 26" (660 mm) |
| Gross Weight | • 75 lbs (34.02 kg) |
| Packaging (W x H x L) | • 34.3" (871 mm) x 26.5" (673 mm) x 13.5" (343 mm) |
| Available Color | • Black |

Expansion Slots

- 7 full-height & full-length expansion slot(s)

Drive Bays

- 24 x 3.5" hot-swap drive bay

Backplane

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

Peripheral Drives

- Optional 2 x 2.5" hot-swap drive bay

Motherboard (for CSE- 846BE1C-R1K28B)

- | | |
|-----------------------------|------------------------------|
| X10DRI-LN4+ | X10DRI-T4+ |
| X10DRC-T4+ | X10DRC-LN4+ |
| X10DRI | X10SRH-CLN4F |
| X10DRI-T | X10DAi |
| X10DAC | X10DRH-I |
| X10DRH-IT | X10DRH-CT |
| X10DRH-C | |

Servers (for CSE- 846BE1C-R1K28B)

- | | |
|-------------------------------|-------------------------------|
| 6048R-E1CR24H | 6048R-E1CR24L |
| 6048R-E1CR24N | |

Systems Cooling

- | | |
|-------------|--|
| Fans | <ul style="list-style-type: none"> • 3 x 8cm hot-swap redundant PWM cooling fan(s) • 2 x 80mm rear hot-swap exhaust 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 | • 5% - 95% (non-condensing) |

- Optional 1 x 3.5" internal fixed drive bay
- Optional 2 x 2.5" internal fixed drive bay

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

Humidity Range

Power Supply

Dimensions (L x W x H)

- x x mm

Power Distributor

- PDB-PT846-2824

Components

Standard Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-49003-0N	1	SC846 Intel DP X9, X8 PC air shroud 1368x13/12x13MB
HD Backplane	BPN-SAS3-846EL1	1	24-port 4U SAS3 12Gbps single-expander backplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD
Cable(S)	CBL-0071L	1	ROUND 16 pin TO 16 PIN RIBBON FP CABLE 75cm. 28AWG
Cable(S)	CBL-0160L	2	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable(S)	CBL-0217L	1	16 pin control panel converter cable for SC826,846, 23.5cm, PBF
Cable(S)	CBL-0234L	1	4-PIN POWER SUPPLY Y-CABLE FOR HDD, 15CM, 20AWG
Fan(s)	FAN-0125L4	2	80x32 mm 6.7K RPM SC836 Rear Exhaust Fan w/ Housing
Fan(s)	FAN-0127L4	3	80x80x38 mm 7K RPM SC846 Middle Fan w/ Housing
Front Panel	MCP-280-82601-0N	1	Front control board adapter (TB826) for SC216,826,936,846
Drive Tray(s)	MCP-220-00075-0B	24	Black gen 5.5 hot-swap 3.5"; HDD tray
Power Distributor	PDB-PT846-2824	1	PDB with 23pairs input connector support SC846B
Power Supply & Accessory	PWS-1K28P-SQ	2	1U 1280W, redundant single output power supply
Power Supply & Accessory	MCP-290-84604-0N	1	SC846 PDB Cover
Mounting Rail(s)	MCP-290-00057-0N	1 set	Rail set, quick/quick, default for 4U 17.2"; W
Mounting Rail(s)	MCP-410-00007-0N	1	Rail screw bag
Rear Window	MCP-240-84602-0N	1	846B rear window which support 2 X 2.5"; HDD module and DVD

Optional Parts List

	Part Number	Qty	Description
Drive Trays	MCP-220-84601-0N	-	Single 3.5" Fixed HDD Tray (RA cables required)
Short Rail	MCP-290-00058-0N	-	19" to 26.6" rail set, Quick Release, Tool-less (for rev. K4 or later)
HDD Kit	MCP-220-84606-0N	-	Optional HDD kit for SC846BA/E16/E26 chassis only
DVD-ROM / DVD-RW	MCP-220-84607-0N	-	Optional DVD kit for SC846BA/E16/E26 chassis only
HDD Tray Converter	MCP-220-00118-0B	-	Black gen-5.5 tool-less 3.5-to-2.5 converter drive tray,RoHS/REACH