

SuperChassis 846BE26-R920B



[Chassis Manual](#)
[Optimization](#)

Note: Image above may show a varied configuration of optional parts. Please refer to parts list for standard parts included.

Key Features

High Performance SAS2/6GbS Expander, Dual Expander Chip
High Efficiency PS and Storage Capacity

1. 4U chassis support for max. motherboard size - 13.68" x 13" E-ATX, 12" x 10" ATX and 9.6" x 9.6" Micro-ATX
2. 24 x 3.5" hot-swap drive bay
3. 1U 920W Redundant Platinum Level Power Supply
4. 7 full-height & full-length expansion slot(s)
5. 3 x 8cm hot-swap redundant PWM cooling fan(s)
6. 2 x 8cm hot-swap exhaust fan(s) & air shroud

Specifications ^

Product SKUs - Discontinued SKU. Please contact sales-rep for possible OEM production quantities. MOQ may apply

CSE-846BE26-R920B ■ SuperChassis 846BE26-R920B

Form Factor

- 4U chassis support for max. motherboard size - 13.68" x 13" E-ATX, 12" x 10" ATX and 9.6" x 9.6" Micro-ATX

Processor Support

- Dual and Single Intel® and AMD processors

Dimensions

Height	■ 7" (178 mm)
Width	■ 17.2" (437 mm)
Depth	■ 26" (660 mm)
Net Weight	■ 55 lbs (24.95 kg)
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

Peripheral Drives

- 2 x 3.5" hot-swap drive bay

Front Panel

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

Systems Cooling

- Fans**
- 3 x 8cm hot-swap redundant PWM cooling fan(s)
 - 2 x 8cm hot-swap exhaust fan(s) & air shroud

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 920W Redundant Platinum Level Power Supply

Power Efficiency	■ 94%
Total Output Power and Input	■ 920W 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: 75A / Min: 0.5A (100Vac - 240Vac)
+5Vsb	■ Max: 4A / Min: 0A
Power Distributor	■ PDB-PT846-2824

Regulatory (Power Supply)

Power Supply Safety / EMC	<ul style="list-style-type: none"> ■ BSMI ■ CCC ■ CE/EMC ■ FCC class A ■ TUV/CB ■ UL/CUL
----------------------------------	--

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
Cable(S)	CBL-0071L	1	CBL,FRONT CNTL.,16 TO 16 PIN,RA,RND TUBE,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	CBL,CNTL PANEL CONVERTER,FOR SC826/846,FFC,16PIN,22CM
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 Distributor	PDB-PT846-8824	1	SC846 24PIN REDUNDANT POWER DISTRIBUTOR
Power Supply & Accessory	PWS-920P-SQ	2	920W 1U Redundant PWS W/ Quiet Mode
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)
HDD Tray	MCP-220-84606-0N	-	Optional HDD kit for SC846BA/E16/E26 chassis only
Middle Fan Kit	MCP-320-00045-0N-KIT	-	Middle fan kit (7Krpm fan) for 835X/836/836B/846/846B
DVD-ROM / DVD-RW	MCP-220-84607-0N	-	Rear side slim DVD kit for 846B chassis
HDD Tray Converter	MCP-220-00118-0B	-	Black gen-5.5 tool-less 3.5-to-2.5 converter drive tray,RoHS/REACH
Short Rail	MCP-290-00058-0N	-	Short rail set, quick release, 19.6"~26.9" Extendable Length
Cable	CBL-0231L	-	70CM SATA ROUND S-RA PBF. 26AWG
HDD Kit	MCP-220-84603-0N	-	Dual 2.5" fixed HDD tray kit for SC846
SATA DVD Kit	MCP-220-84607-0N	-	Rear side slim DVD kit for 846B chassis
Front Bezel	MCP-210-84601-0B	-	Black Front Bezel For SC846 Chassis

Motherboard (for CSE- 846BE26-R920B)

[X9DR3-LN4F+](#)

[X9DRi-LN4F+](#)

[X9DR7-TF+](#)

[X9DRE-TF+](#)

[X9DR7-LN4F \(-JBOD\)](#)

[X9DRE-LN4F](#)

[X9DRH-7F](#)

[X9DRH-7TF](#)

[X9DRH-IF](#)

[X9DRH-ITF](#)

[X9DRD-7LN4F-JBOD](#)

[X9DRD-EF](#)

[X9DRD-7LN4F](#)

[X9DRH-IF-NV](#)

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU

Home » Products » Chassis » 4U » SC846BE26-R920B

Global SKU  English 

About Us

Company Profile
Green Computing
Investor Relations
Careers
Site Map

Resources

Solutions Briefs
Success Stories

News

Press Releases
Supermicro in the News
Product Reviews
Events
Webinars

Connect & Follow

Locations
Newsletter Sign-up



This site uses cookies. By continuing to
browse the site you are agreeing to our
use of cookies. Review our cookies
policy here.
This site uses cookies. By continuing to
browse the site you are agreeing to our
use of cookies. Review our cookies
policy here.



Copyright © 20192019 Super Micro Computer, Inc. All Rights Reserved
All trademarks and service marks referred to herein are trademarks or registered trademarks of their respective companies or mark holders.

[Click for Logo Guidelines](#)

