

SuperChassis 504-203B

[Home](#) ▶ [Products](#) ▶ [Chassis](#) ▶ [1U](#) ▶ [SC504-203B]



▶ [Chassis Manual](#)

Key Features

1. Mini 1U Chassis
2. 200W High-efficiency Power Supply Gold Level Certified
3. Rear I/O Ports
4. 1x 3.5" Internal Drive Bay with 1x Half-height, Half-length PCI
5. OR 2x 3.5" Internal Drive Bay
6. OR 2x 2.5" Internal Drive Bay with 1x Full-height, Half-length PCI
7. OR 4x 2.5" Internal Drive Bay
8. Power Switch, Reset Button and 5x LED Indicators



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

Specifications

Product SKUs

- CSE-504-203B**
- SuperChassis 504-203B

Form Factor

- 9.8" Mini 1U chassis support for maximum motherboard size: Mini-ITX 6.75" x 6.75"

Processor Support

- 3rd Generation Intel® Core™ i7/i5/i3, up to 35W

Dimensions

- Height** • 1.7" (43 mm)
- Width** • 17.2" (437 mm)
- Depth** • 9.8" (249 mm)

- Gross Weight** • 10 lbs (4.54 kg)

- Packaging (W x H x L)** • 25.8" (655 mm) x 6.1" (155 mm) x 18.3" (465 mm)

- Available Color** • Black

Expansion Slots

- Up to 1x full-height, half-length PCI expansions slot* *NOTE: Riser Card Required, See 'Drive Bays' for possible configurations

Drive Bays

- 1 x 3.5" Internal Drive Bay with 1 Full-height, Half-length PCI
- Or 2 x 3.5" Internal Drive Bay
- Or 2 x 2.5" Internal Drive Bay with 1 Full-height, Half-length PCI
- Or 4 x 2.5" Internal Drive
- Only SAS or enterprise SATA HDD recommended

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
- Ports**
- 1x VGA, IPMI, 4xLANs, 1x COM, 4xUSB, 1xKeyboard/Mouse

Motherboard (for CSE- 504-203B)

X9SPV-F-3610ME	X9SPV-F-3217UE
X9SPV-LN4F-3LE	X9SPV-LN4F-3QE
X9SPV-M4	X9SBAA-F
X9SCAA	X9SCAA-L
X9SPV-M4-3QE	X9SPV-M4-3UE
X9SKV-B915	X10SBA-L
A1SAI-2750F	A1SAI-2550F
X10SBA	X9SKV-1125
A1SRI-2758F	X10SLV-Q
A1SRI-2558F	X9SKV-1105
X10SDV-TLN4F	X10SDV-F
X11SBA-LN4F	X11SBA-F
X10SDV-8C-TLN4F	X10SDV-8C+-LN2F
X10SDV-4C-TLN2F	X10SDV-6C-TLN4F
X10SDV-4C-TLN4F	X10SDV-6C+-TLN4F
X10SDV-16C+-TLN4F	X10SDV-12C-TLN4F
X10SDV-TP8F	X10SDV-7TP8F
X10SDV-7TP4F	X10SDV-16C-TLN4F
X10SDV-2C-TP8F	X10SDV-2C-TP4F
X10SDV-4C+-TP4F	X10SDV-4C-7TP4F
A1SRI-2358F	X10SDV-2C-7TP4F
X10SDV-2C-TLN2F	X10SDV-4C+-TLN4F
A2SAV	A2SAV-L

Servers (for CSE- 504-203B)

5017P-TLN4F	5017P-TF
5017A-EF	5017A-EP
5017K-N6	5018A-LTN4
5018D-LN4T	

Systems Cooling

- Fans**
- 1 x High-efficiency power supply with thermal control fan(s)

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

1U 200W Multi-output power supply Gold level w/20pin

Power Efficiency	91%
Total Output Power and Input	200W with Input 100 - 240Vac
AC Input Frequency	50-60Hz
Dimensions (L x W x H)	192 x 76 x 40.3 mm
Output Type	20pin ATX
-12V	Max: 0.5A / Min: 0A
+12V	Max: 16A / Min: 0.1A (100Vac - 240Vac)
+5V	Max: 8AA / Min: 0.1A
+3.3V	Max: 8A / Min: 0.1A
+5Vsb	Max: 2A / Min: 0A
Certification	 Gold Certified
Regulatory (Power Supply)	
Power Supply Safety / EMC	- BSMI - CCC - CE/EMC - FCC class B - TUV/CB - UL/CUL

Components

Standard Parts List			
	Part Number	Qty	Description
Cable(S)	CBL-0087	1	Front Control Cable Round 16 pin to 16 pin Ribbon 20
Cable(S)	CBL-0260L	1	US power cord 18AWG 6ft, PBF (default for low watt)
Front Panel	FPB-FP813-D	1	Front control board dual color for SC815,SC813M (C)
Part(s)	MCP-260-00064-0B	1	1U I/O shield for X9/X10 STD Server I/O use in SC510, SC505, SC504 with EMI Gasket,RoHS/REACH,PBF
Part(s)	MCP-290-51001-0N	1	SC510 card retainer
Power Supply & Accessory	PWS-203-1H	1	1U 200W Multi-output 80Plus Gold PWS

Optional Parts List			
	Part Number	Qty	Description
2.5" HDD Bracket	MCP-220-00051-0N	-	2.5" HDD bracket for 1 x 2.5" HDD
2.5" HDD Bracket	MCP-220-00044-0N	-	2.5" HDD bracket for 2 x 2.5" HDD
Cable	CBL-0080L	-	big 4 pin to SATA POWER ADAPTER CABLE 6
Heatsink / Retention	SNK-P0049A4	-	1U Active CPU Heat Sink for Intel Sokcet H, H2, and H3 Motherboards,RoHS/REACH,PBF
IO shield	MCP-260-00065-0B	-	1U I/O shield for X8 STD Server I/O use in SC510, SC505, SC504 with EMI Gasket,RoHS/REACH,PBF
IO shield	MCP-260-00066-0B	-	1U I/O shield for X9SPV-M4 use in SC510, SC505, SC504 with EMI Gasket,RoHS/REACH,PBF
IO shield	MCP-260-00068-0B	-	1U I/O Shield for X9SCAA-L use on SC510, SC505, SC504 chassis with EMI Gasket,RoHS/REACH,PBF
IO shield	MCP-260-00072-0B	-	1U I/O Shield for X9SKV on SC510, SC505, SC504 with EMI Gasket,RoHS/REACH,PBF
IO shield	MCP-260-00076-0B	-	1U I/O Shield for X10SLV-Q on SC504, 505, 510 with EMI Gasket,RoHS/REACH,PBF
IO shield	MCP-260-00082-0B	-	1U I/O Shield for H9SKV on SC504, 505 with EMI Gasket
Fan Kit	FAN-0100L4	-	40X28MM 4-PIN PWM FAN FOR SC510 & SC511
Fan Kit	MCP-320-81302-0B	-	Optional fan tray for one 40x28mm fan in SC813T/SC813LT-single PWS (Fan tray only)

[Terms & Conditions](#) | [Privacy](#) | [Investor Relations](#) | [Jobs](#) | [Site Map](#)

[SuperServer®](#) | [Motherboard](#) | [Chassis](#) | [Rack Cabinet](#) | [SuperBlade®](#) | [Embedded](#) | [Networking](#) | [Storage](#) | [Accessories](#) | [AMD Solution](#) | [Power Supplies](#)

Copyright © 2016 Super Micro Computer, Inc.

Information in this document is subject to change without notice.

Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.