

Products ▸ Chassis ▸ 2U ▸ [SC523L-520B]



Key Features

1. Short-depth (14.5")Compact Size

2. 520W High-efficiency Power Supply

3. 2 x 3.5" Fixed Hard Drive Support

4. 1 x Slim DVD-ROM Drive (Optional)

5. 2 x 80mm 6300 RPM Fan

6. 7 x Low-profile, Full-length I/O Expansion Slot

7. Front Access I/O

8. Power Switch & 6 LED Indicators

Available Colors

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-523L-520B ■ SuperChassis 523L-520B (Black)	
Form Factor	
2U chassis support for max. motherboard size - 12" x 10" ATX	
Processor Support	
Supports dual, single Intel® / AMD processors	
Dimensions	
Height	3.5" (89mm)
Width	17.2" (437mm)
Depth	14.5" (369mm)
Gross Weight	28 lbs (12.7 kg)
Available Colors	Black
Expansion Slots	
■ 7x front-side low-profile full-length expansion slots	
Drive Bays	
Internal	2x Internal 3.5" Hard Drive 3.5" Bays SAS or enterprise SATA HDD only recommended
Peripheral Drives	
DVD-ROM	Slim DVD-ROM Drive (Optional)
Front Panel	
Buttons	■ Power On/Off button ■ System Reset button
LEDs	■ Power LED ■ Hard drive activity LED ■ 2x Network activity LEDs ■ System Overheat LED ■ Power fail LED
I/O	Front I/O Window

Motherboard(s) for CSE-523L-520B		
X8DAL-3	X8DAL-i	X8DTL-3
X8DTL-3F	X8DTL-6F	X8DTL-6L
X8DTL-i	X8DTL-iF	X8DTL-L
System Cooling		
Fans	2x 80mm 6300 RPM fans	
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		
520W AC to DC power supply w/ PFC		
AC Voltage	■ 100 - 240V, 50 - 60Hz, 7 - 3Amp	
+5V	■ 20 Amp	
+5V standby	■ 3 Amp	
+12V	■ 39 Amp	
-12V	■ 0.5 Amp	
+3.3V	■ 16 Amp	
Regulatory (Power Supply)		
■ USA - UL listed ■ Canada - CUL listed ■ Germany - TUV Certified ■ EN 60950/IEC 60950-Compliant ■ CB Report ■ CCC Certification		
Power Supply Safety / EMC		

Components

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-523L-520B	1	2U Chassis
Air Shroud	MCP-310-28012-0N	1	Air Shroud
Cable(s)	CBL-0071L	1	30" 16-pin to 16-pin Round Floppy Cable
	CBL-0140L	1	60cm 80-Vire IDE DVD Drive Cable
Fan(s)	FAN-0094L4	2	2U 80x38mm 4-pin PWM Fan
Hard Drive Carrier	MCP-220-00020-00	2	Hard Drive Tray
Mounting Rails	CSE-PT8L	1	2U Slide Rails
Peripheral Drives	MCP-290-52302-0B	1	Dummy DVD Drive Cover
Power	PWS-521-1H	1	520W High-efficiency Power Supply with Harness
Optional Parts List			
	Part Number	Qty	Description
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Peripheral Drives	DVM-TEAC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), Panasonic
	DVM-TEAC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
Extension power cable	-	-	For dual processor X8 motherboards, extension power cable may be needed, please consult with Supermicro sales representative