



Products ☐ Chassis ☐ 1U ☐ [ SC512L-200B ]



### Key Features

1. 200W Power Supply

2. 2x 3.5" Internal Drive Bays

3. 1x 10cm Blower Fan

4. 1x I/O Expansion Slot

5. 2x Rear USB 2.0 Ports

6. Power Switch, Reset, and 5x LED Indicators

Links & Resources

☐ Chassis Manual

Available Colors

Black

Product SKU	CSE-512L-200B <ul style="list-style-type: none"><li>SuperChassis 512L-200B (Black)</li></ul>
Form Factor	14" Mini 1U chassis support for max. motherboard size - 12" x 9.6" ATX
Processor Support	Supports single Intel® / AMD processor
Dimensions	<div>Height<div>1.7" (43mm)</div></div> <div>Width<div>16.8" (426mm)</div></div> <div>Depth<div>14.0" (356mm)</div></div> <div>Gross Weight<div>11 lbs (5kg)</div></div> <div>Available Color<div>Black</div></div>
Expansion Slot	1x full-height half-length expansion slot (Riser Card Required)
Drive Bays	<div>Internal Bay<div>2x 3.5" internal drive bays</div><div>SAS or enterprise SATA HDD only recommended</div></div>
Front Panel	<div>Buttons<div><div>Power On/Off button</div><div>System Reset button</div></div></div> <div>LEDs<div><div>Power LED</div><div>Hard drive activity LED</div><div>2x Network activity LEDs</div><div>System Overheat LED</div></div></div>
System Cooling	<div>Fans<div>1x 10cm 3,800 RPM PWM blower fan</div></div>
Operating Environment (System)	<div>Operating Temperature Range<div>5°C - 35°C (41°F - 95°F)</div></div> <div>Non-Operating Temperature Range<div>-40°C - 70°C (-40°F - 158°F)</div></div> <div>Operating Relative Humidity Range<div>8% - 90% (non-condensing)</div></div> <div>Non-Operating Relative Humidity Range<div>5% - 95% (non-condensing)</div></div>
Power Supply	<div>200W Low Noise AC-DC power supply with PFC</div> <div>AC Voltage<ul style="list-style-type: none"><li>100 - 240V, 50-60Hz, 3-1.5 Amp Max</li></ul></div> <div>+5V<ul style="list-style-type: none"><li>16.0 Amp</li></ul></div> <div>+5V standby<ul style="list-style-type: none"><li>2.0 Amp</li></ul></div> <div>+12V<ul style="list-style-type: none"><li>15.0 Amp</li></ul></div> <div>-12V<ul style="list-style-type: none"><li>0.8 Amp</li></ul></div> <div>+3.3V<ul style="list-style-type: none"><li>17.0 Amp</li></ul></div>
Regulatory (Power Supply)	<div>Power Supply Safety / EMC<ul style="list-style-type: none"><li>USA - UL listed, FCC</li><li>Canada - CUL listed</li><li>Germany - TUV Certified</li><li>Europe/CE Mark</li><li>EN 60950/IEC 60950-Compliant</li></ul></div>

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-512L-200B	1	14" Mini 1U Chassis (black)
Power Supply	PWS-202-1H	1	200W, 1U W/ STANDARD HARNESS OUTPUT LC
Cable 1	CBL-0049L	1	Front ctrl cable 16 PIN TO 16 PIN, LF, Flat (L=54cm)
Cable 2	CBL-0260L	1	US power cord 18AWG 6ft, PBF (default for low watt)
Chassis Parts	MCP-230-00009-00	1	Top cover for SC512 series 200, 260W
Chassis Parts	MCP-290-00009-01	2	Black chassis handle for SC512, 513, 811
Fan	FAN-0038L4	1	97x33 4Pin PWM BLOWER for SC512, 811, 812L
Front Panel	MCP-210-00005-01	1	Black front panel for SC512L
Front Panel	MCP-280-51201-0N	1	Front control board (FP512) for SC512 (surface-mounted LED)
Part(s)	CSE-PT0119	1	1U STANDARD I/O SHIELD (512, 811, 813M)
I/O Shield	MCP-260-00024-0N	1	I/O shield for X8 server MB (3rd LAN + 4xLAN)

Optional Parts List			
	Part Number	Qty	Description
Air Shroud	MCP-310-18009-0N	-	Air shroud for 512, C, L with Intel UP motherboard
	CSE-PT66	-	Air shroud for 512, C, L with P8 UP motherboard
Cable(s)	CBL-0082L	-	4-pin to 2x SATA (RA) power extension, 15cm
	CBL-0261L	-	40cm SATA cable (S-RA) for left HDD (right angle required)
	CBL-0044L	-	61cm SATA cable (S-S) for right HDD
	CBL-0084L	-	Front control cable 16-pin split convertor 6", PBF
Hard Drive Bracket	MCP-220-00051-0N	-	Single 2.5" fixed HDD mounting bracket
	MCP-220-00044-0N	-	Dual 2.5" fixed HDD mounting bracket
Mounting Rails	CSE-PT8L	-	1U Chassis Mounting Rails and Kit
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix