

SuperChassis 512L-200B



Key Features

1. 14" Mini 1U chassis support for max. motherboard size - 12" x 9.6" ATX
 2. 2 x 3.5" fixed drive bay
 3. SAS or enterprise SATA HDD only recommended
 4. 1U 200W Multi-output power supply with 20pin, YM-5201D
 5. 1 full-height & half-length expansion slot(s) (Riser Card Required)
 6. 1 x 10cm blower
-

- ▶ **Chassis Manual**
 - ▶ **Optimization**

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

Specifications

Product SKUs

- CSE-512L-200B
- SuperChassis 512L-200B

Form Factor

- 14" Mini 1U chassis support for max. motherboard size - 12" x 9.6" ATX

Processor Support

- Single Intel® and AMD processors

Dimensions

- Height
 - 1.7" (43 mm)
- Width
 - 16.8" (426 mm)
- Depth
 - 14" (356 mm)
- Gross Weight
 - 11 lbs (4.99 kg)
- Packaging (W x H x L)
 - 22" (559 mm) x 6.3" (160 mm) x 20" (508 mm)
- Available Color
 - Black

Expansion Slots

- 1 full-height & half-length expansion slot(s) (Riser Card Required)

Drive Bays

- 2 x 3.5" fixed drive bay
- SAS or enterprise SATA HDD only 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

Systems Cooling

- Fans
 - 1 x 10cm blow er

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 200W Multi-output power supply with 20pin, YM-5201D

- Power Efficiency
 - 82%
- Total Output Power and Input
 - 200W with Input 100 - 240Vac
- AC Input Frequency
 - 50-60Hz
- Dimensions (L x W x H)
 - 192.8 x 76.2 x 40.3 mm
- Output Type
 - 20pin ATX
- 12V
 - Max: 0.8A / Min: 0A
- +12V
 - Max: 15A / Min: 1A (100Vac - 240Vac)
- +5V
 - Max: 16AA / Min: 0.3A
- +3.3V
 - Max: 17A / Min: 0.5A
- +5Vsb
 - Max: 2A / Min: 0.1A
- +12Vsb
 - Max: NAA
- Certification
 - N/A

Regulatory (Power Supply)

- Power
 - CE/EMC
- Supply
 - FCC class B
- Safety / EMC
 - TUV/CB
 - UL/CUL

Components

Standard Parts List

	Part Number	Qty	Description
Cable(S)	CBL-0049L	1	CBL,FRONT CNTL,16 TO 16 PIN,RA,FLAT,54CM,28AWG
Cable(S)	CBL-0260L	1	US pow er cord 18AWG 6ft, PBF (default for low watt)
Fan(s)	FAN-0038L4	1	97x33 4Pin PWM BLOWER for SC512, 811, 812L
Fan(s)	MCP-340-00003-0N	1	97x33 4Pin PWM BLOWER for SC512, 811, 812L
Front Panel	MCP-280-51201-0N	1	Front control board (FP512) for SC512 (surface-mounted LED)
Front Panel	MCP-210-00005-01	1	Black front panel w/o ctrl board for SC512L(16.8" width)
Part(s)	MCP-260-00024-0N	1	1U I/O shield for X8 server MB (3rd LAN + 4xLAN)
Part(s)	MCP-260-00078-0N	1	1U I/O shield for X10 and X9 Server MB with 5X5mm vent hole and EMI Gasket,RoHS/REACH,PBF
Power Supply & Accessory	PWS-202-1H	1	200W,1U W/ STANDARD HARNESS OUTPUT LC

Optional Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-18009-0N	-	813M/113M/811/111/512 UP X8STi .X7 mylar air shroud, 12x9.6MB
Air Shroud	CSE-PT66	-	Air Shroud for SC512,C,L with P8 UP MB (SNK-P0011)
Cable	CBL-0082L	-	Y split , big 4 pin to tw o RA SATA pow er extension 15cm, 18AWG
Cable	CBL-0261L	-	40CM 7 PIN SATA CABLE S-RA for SC512,512L, 26AWG
Cable	CBL-0044L	-	SATA CABLE 57.5CM FLAT S-S PBF. 26AWG flat
Cable	CBL-0084L	-	Front control cable 16 pin split, 6
Hard Drive Carrier	MCP-220-00051-0N	-	Single 2.5" fixed HDD bracket for SC502, 503, 510, 512, 515U
Hard Drive Carrier	MCP-220-00044-0N	-	Dual 2.5" fixed HDD bracket for SC502, 503, 510, 512, 515U
Mounting Rail	CSE-PT8L	-	1U mounting rail and kits for SC512,C,L, 513, 810, 811, PBF

Motherboard (for CSE- 512L-200B)

H8SML-7F	H8SML-7	H8SML-iF	H8SML-i
<u>A1SAM-2550F</u>	<u>A1SRM-2558F</u>	<u>A1SRM-2758F</u>	<u>A1SAM-2750F</u>
<u>A1SRM-LN7F-2758</u>	<u>A1SRM-LN7F-2358</u>	<u>A1SRM-LN5F-2358</u>	<u>X11SSL-F</u>
<u>X11SSL</u>	<u>X11SSM-F</u>	<u>X11SSM</u>	

 = Most optimized Chassis for SuperServer Configuration
 Blue color = Compatible
 Green color = Global SKU & Compatible
 Red dot & green color = Optimized + Global SKU