SuperChassis 505-203B



Key Features

1. 9.8" depth small form factor 1U, 200W Gold level power supply
2. Optimized for Mini-ITX (6.75"x 6.75") Motherboard
3. Front 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

Available Colors

Black

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-505-203B	SuperChassis 505-203B (Black)

Form Factor

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

Processor Support

Single Processor Support

Dimensions

Height	1.7" (43mm)
Width	17.2" (437mm)
Depth	9.8" (249mm)
Packaging	25.8" (W) x 6.1" (H) x 18.3" (L)
Gross Weight	10 lbs (4.5kg)
Available Colors	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

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

Front Panel

Buttons	Power On/Off button System Reset button
LEDs	Power LED Hard drive activity LED 2x Network activity LEDs System Overheat LED
I/O Ports	1x VGA, IPMI, 4xLANs, 1x COM, 4xUSB, 1xKeyboard/Mouse

Motherboard (for CSE-505-203B)

A1SAi-2550F	A1SAi-2750F
A1SRi-2358F	A1SRi-2558F
A1SRi-2758F	X10SBA
X10SBA-L	X10SDV-12C-TLN4F
X10SDV-16C-TLN4F	X10SDV-2C-7TP4F
X10SDV-2C-TLN2F	X10SDV-4C+-TLN4F
X10SDV-4C-7TP4F	X10SDV-4C-TLN2F
X10SDV-4C-TLN4F	X10SDV-6C+-TLN4F
X10SDV-6C-TLN4F	X10SDV-7TP4F
X10SDV-7TP8F	X10SDV-8C+-LN2F
X10SDV-8C-TLN4F	X10SDV-F
X10SDV-TLN4F	X10SLV-Q
X11SBA-F	X11SBA-LN4F
X9SBAA-F	X9SCAA
X9SCAA-L	X9SKV-1105
X9SKV-1125	X9SKV-B915
X9SPV-F-3217UE	X9SPV-F-3610ME
X9SPV-LN4F-3LE	X9SPV-LN4F-3QE
X9SPV-M4	X9SPV-M4-3QE
X9SPV-M4-3UE	

Server(s) for SC505-203B

5018A-FTN4	5018D-FN4T
5018D-FN8T	

Operating Environment (System)

Operating Temperature Range	0°C ~ 40°C (32°F ~ 104°F)
Non-Operating Temperature Range	-40°C ~ 70°C (-4°F ~ 158°F)
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Non-Operating Relative Humidity Range	5% - 95% (non-condensing)

Power Supply

200W Low Noise AC-DC power supply with PFC

AC Voltage	100 - 240V, 50-60Hz, 2.6 Amp Max
+5V	8.0 Amp (max.)
+5V standby	2.0 Amp (max.)
+12V	16 Amp (max.)
-12V	0.5 Amp (max.)
+3.3V	8.0 Amp (max.)
Certification	80 PLUS GOLD — **Gold Certified**

Regulatory (Power Supply)

Power Supply Safety / EMC	USA - UL listed, FCC Canada - CUL listed CCC Certification EN 60950/IEC 60950-Compliant Europe/CE Mark Germany - TUV Certified

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-505-203B	1	1U Chassis (**Black**)
Cable(s)	CBL-0087	1	Front Control Cable Round 16pin to 16pin Ribbon 20inch (50cm)
	CBL-0260L	1	US power cord 18AWG 6ft, PBF (default for low watt)
Front Panel	MCP-230-50501-0N	1	1U SC505 top cover
	MCP-270-50501-0N	1	1U 505 chassis base
I/O Shield	MCP-260-00064-0B	1	1U I/O shield for X9/X10
Power Supply	PWS-203-1H	1	200W Low Noise Power Supply

Optional Parts List

	Part Number	Qty	Description
Fan(s)	FAN-0100L4	-	40x28MM 4-PIN PWM FAN
Cable	CBL-0080L	-	1x 4-pin to 1x SATA Power Cable
I/O Shield	MCP-260-00065-0B	-	1U I/O shield for X8 STD Server I/O use in SC510, SC505, SC504
	MCP-260-00066-0B	-	1U I/O shield for X9SPV-M4 use in SC510, SC505, SC504
	MCP-260-00068-0B	-	1U I/O shield for X9SCAA/-L use in SC510, SC505, SC504
	MCP-260-00072-0B	-	1U I/O shield for X9SKV use in SC510, SC505, SC504
	MCP-260-00076-0B	-	1U I/O shield for X10SLV-Q use in SC510, SC505, SC504
	MCP-260-00082-0B	-	1U I/O shield for H9SKV use in SC510, SC505, SC504
Fan Cage	MCP-320-81302-0B		40x28mm fan holder (may order two for dual fan configuration)
Hard Drive Bracket	MCP-220-00044-0N	-	2.5" HDD bracket for 2 x 2.5" HDD
	MCP-220-00051-0N	-	2.5" HDD bracket for 1 x 2.5" HDD
Riser Card	RSC-RR1U-E8	-	RSC-RR1U-E8 with PCI-E x8 output
	RSC-RR1U-E16	-	RSC-RR1U-E16 with PCI-E x16 output
Riser Card Bracket	MCP-120-00063-0N	-	Riser card bracket for slot-7

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