

# SuperChassis 836A-R1200B

Products ▶ Chassis ▶ 3U ▶ [ SC836A-R1200B ]



### Key Features

1. 1200W high-efficiency (1+1) redundant power supply (Gold Level 93%)
2. 16x 3.5" Hot-swappable SAS / SATA Drive Bays
3. 1 x Slim DVD-ROM Drive (optional)
4. Mini-I-Pass (SFF 8087) connectivity
5. 3x 8cm Hot-swap 4-pin PWM Fans
6. 2x 8cm Rear-exhaust 4-pin PWM Fans
7. Palletized package for secure transportation
8. Optional 3x slim 2.5" Internal Fixed HDD

**Downloads**

Chassis Manual 

### Specifications

Product SKUs	
CSE-836A-R1200B	■ SuperChassis 836A-R1200B (Black)
Form Factor	
3U chassis support for max. motherboard size - 13.68" x 13"	
Processor Support	
Supports dual, single Intel® / AMD processors	
Dimensions	
Height	5.2" (132mm)
Width	17.2" (437mm)
Depth	25.5" (648mm)
Gross Weight	72 lbs (32.7kg)
Available Color	Black
Expansion Slots	
• 7x full-height full-length expansion slots	
Drive Bays	

System Cooling	
Fans	• 3x 80mm Hot-swap 4-pin PWM Fans • 2x 80mm Rear-exhaust 4-pin PWM Fans
System Monitoring	
Chassis intrusion switch	
Operating Environment (System)	
Operating Temperature Range	■ 10 - 35°C (50° - 95°F)
Non-Operating Temperature Range	■ -40 - 70°C (-40° - 158°F)
Humidity Range	■ 8 - 90% non-condensing
Non-Operating Humidity Range	■ 5 - 95% non-condensing
Power Supply	
Redundant 1200W high-efficiency power supply with PMBus	


Hot-swap	16x 3.5" SAS / SATA Hot-swap drive trays SAS or enterprise SATA HDD only recommended
<b>Backplane</b>	
3U Direct Attached Backplane, features: <ul style="list-style-type: none"> <li>• 3Gb/6Gb support</li> <li>• SES-2 Enclosure Management Support</li> <li>• SAS/SATA support</li> <li>• Four SFF 8087 connectors</li> </ul>	
<b>Peripheral Drives</b>	
DVD-ROM	Slim DVD-ROM Drive (Optional)
Floppy	Slim 1.44MB Floppy Drive (Optional)
<b>Front Panel</b>	
Buttons	<ul style="list-style-type: none"> <li>• Power On/Off button</li> <li>• System Reset button</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power LED</li> <li>• Hard drive activity LED</li> <li>• 2x Network activity LEDs</li> <li>• System Overheat LED</li> <li>• Power fail LED</li> </ul>
Ports	2x USB Ports & DB9 COM Port

AC Input	<ul style="list-style-type: none"> <li>■ 100 - 140V, 50 - 60Hz, 8 - 11.5 Amp</li> <li>■ 180 - 240V, 50 - 60Hz, 5.5 - 8 Amp</li> </ul>
DC Output +12V	<ul style="list-style-type: none"> <li>■ 1000W, 83 Amp @ 100-140V</li> <li>■ 1200W, 100 Amp @ 180-240V</li> <li>■ 5Vsb: 4A</li> </ul>
DC Output with PDB	<ul style="list-style-type: none"> <li>■ +5V: 50 Amp</li> <li>■ +3.3V: 30 Amp</li> <li>■ -12V: 0.6 Amp</li> </ul>
Certification	 80 PLUS Gold Certified [ <a href="#">Test Report</a> ]
<b>Regulatory (Power Supply)</b>	
Power Supply Safety / EMC	<ul style="list-style-type: none"> <li>■ USA - UL listed</li> <li>■ Canada - CUL listed</li> <li>■ Germany - TUV Certified</li> <li>■ EN 60950/IEC 60950-Compliant</li> <li>■ CB Report</li> <li>■ CCC Certification</li> </ul>

## Components

Standard Parts List			
	Part Number	Qty	Description
Chassis	CSE-836TS-R1200BP	1	3U Chassis (Black)
	MCP-420-83601-0N	1	Chassis Accessory Box
Backplane	BPN-SAS-836A	1	3U SAS / SATA Direct Attached Backplane [ <a href="#">Manual</a> ]
Cable(s)	CBL-0087	1	20" 16-pin to 16-pin Round Ribbon Cable
Drive Tray(s)	NCP-220-00024-0B	16	Black hot-swappable 3.5" drive trays
	MCP-220-00007-01	1	Black USB/COM port tray for SC825 & SC836
	BPN-SAS-836A	1	SAS / SATA Backplane; passed SAS-2 compatibility testing
Fan(s)	FAN-0062L4	2	8cm 4-pin Rear PWM Fan (with Housing)
	FAN-0094L4	3	8cm 4-pin Hot-swap PWM Fan
Front Panel	MCP-280-00012-00	1	Front control board (FP836) for SC823M, 825, 825M, 828, 835, 836
Mounting Rails	<a href="#">MCP-290-00053-0N</a>	1	26.5" to 36.4" rail set, quick/quick, default for 2U, 3U 17.2" W chassis
Rail Adaptor	<a href="#">MCP-290-00060-0N</a>	1	Square hole to round hole rail adaptor set
Peripheral Drives	MCP-290-00007-01	1	Black DVD dummy cover for SC825, 836
	MCP-290-00015-01	1	Black FDD dummy cover for SC836
Power	PWS-1K21P-1R	2	1200W Gold-Level power supply with PMBus
	PDB-PT825-8824	1	24-pin x8 power distributor
Air Shroud	<a href="#">MCP-310-38001-0N</a>	1	SC835/836/936 Intel DP X8.X7 PC Air Shroud
Palletized Package	MCP-430-83601-0N	1	Palletized Package

Optional Parts List			
	Part Number	Qty	Description
Cable	CBL-0084	-	Split Front Panel Cable
	CBL-0157L	-	8-pin to 8-pin Ribbon Cable for SGPIO (For Additional Drives)
Cable (2.5" OS drive)	CBL-0044L	-	61cm, SATA S-S
	CBL-0082L	-	Y Split SATA Power Adapter
	CBL-0296L	-	4-pin fan extension cord, 9" length
Cable(s)	CBL-0108L-02	-	SFF 8087 to SFF 8087 Internal Backplane Cable, 39cm
	CBL-0281L	-	SFF 8087 to SFF 8087 Internal Backplane Cable, 75cm
Heatsink / Retention	-	-	Please refer to our <a href="#">Thermal Components Matrix</a>

Mounting Rails	<a href="#">MCP-290-00058-0N</a>	-	19" to 26.6" rail set, quick/quick, optional for 2U, 3U 17.2" W chassis
Peripheral Drives	<a href="#">FPD-TEAC-SB</a>	-	Black slim TEAC floppy drive
	<a href="#">CSE-PT91L</a>	-	Slim Floppy Drive Kit
	<a href="#">MCP-220-81502-0N</a>	-	Slim SATA DVD kit (including cable, backplane)
	<a href="#">MCP-290-00015-01</a>	-	Black FDD dummy cover
	<a href="#">MCP-290-00007-01</a>	-	Black DVD-ROM drive dummy cover
	<a href="#">MCP-220-00043-0N</a>	-	3.5" convert to 2.5" HDD Tray
Peripheral Drives	<a href="#">DVM-TEAC-824B</a>	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
	<a href="#">DVM-PNSC-824B</a>	-	Black slim IDE DVD (8x DVD, 24x CDR), Panasonic
	<a href="#">DVM-TEAC-DVD-SBT</a>	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	<a href="#">DVM-PNSC-DVD-SBT</a>	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	<a href="#">CSE-PT92L</a>	-	Slim IDE DVD kit (include backplane, cable)
	<a href="#">MCP-220-81502-0N</a>	-	Slim SATA DVD kit (include backplane, cable)
Trays	<a href="#">MCP-220-83601-0B</a>	-	Black FDD dummy tray, supports 1x 2.5" slim HDD (9.6mm thick)
	<a href="#">MCP-290-00036-0B</a>	-	Black DVD dummy tray, supports 1x 2.5" slim HDD (9.6mm thick)
	<a href="#">MCP-220-00023-01</a>	-	Black USB dummy tray, supports 1x 2.5" slim HDD (9.6mm thick)
Front Bezel ( <a href="#">Compatibility Table</a> )	<a href="#">MCP-210-83601-0B</a>	-	 <p>Front Bezel Cover, Black (optional)</p>