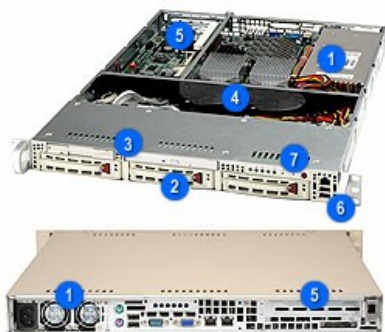


# SuperChassis 812S-420C / 812S-420CB

[Products](#) ▶ [Chassis](#) ▶ [1U](#) ▶ [ [SC812S-420C](#) / [SC812S-420CB](#) ]



## Key Features

1. 420W Power Supply
2. 3x 3.5" hot-swap Ultra320/160 SCSI Drive Bays
3. 1x Slim DVD-ROM Drive (Optional)
4. 2x 10cm PWM Blower Fans
5. 1x Full-size, Full-length I/O Expansion Slot
6. 2x Front USB Ports (2.0 ready)  
1x RJ45 COM Port
7. Power Switch, Reset Switch & 5 LED Indicators

## Available Colors

Beige



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 - Discontinued SKU. Please contact sales-rep for possible OEM production quantities. MOQ may apply**

**CSE-812S-420C** ■ SuperChassis 812S-420C (Beige)

**CSE-812S-420CB** ■ SuperChassis 812S-420CB (Black)

## Form Factor

- 1U chassis support for max. motherboard size - 12" x 13" E-ATX

## Processor Support

- Dual Xeon® 800 / 533 MHz FSB Processors
- Dual AMD Opteron 200 Series Processors

## Dimensions

- Height** ■ 1.7" (43mm)
- Width** ■ 16.8" (426mm)
- Depth** ■ 25.6" (650mm)
- Gross Weight** ■ 34 lbs (15.4kg)
- Available Colors** ■ Beige, Black

## Expansion Slots

- 1x full-size full-length PCI expansion slot (Riser Card Required)
- 1x Low-profile PCI expansion slot (Riser Card Required)

## Drive Bays

- Hotswap** ■ 3 x 3.5" hot-swap Ultra320/160 SCSI Drive Bays with SAF-TE

## Front Panel

- Buttons**
  - Power On/Off button
  - System Reset button
- LEDs**
  - Power LED
  - Hard drive activity LED
  - 2x Network activity LEDs
  - System Overheat LED
- Ports**
  - 2x USB Ports (2.0 ready)
  - 1x RJ45 COM Port

## System Cooling

- Fans** ■ 2x 10cm PWM blower fans

## 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

- Fixed 420W AC power supply with PFC [ 24-pin, (8-pin=12V) ]
- AC Voltage** ■ 100 - 240V, 60-50Hz, 7 Amp Max
- DC Output** ■ 5V + 3.3V ≤ 160W
- +5V** ■ 30.0 Amp
- +5V standby** ■ 2.0 Amp
- +12V<sub>1</sub>** ■ 15.0 Amp
- +12V<sub>2</sub>** ■ 15.0 Amp
- +12V<sub>3</sub>** ■ 18.0 Amp
- 12V** ■ 1.0 Amp
- +3.3V** ■ 20.0 Amp


## Regulatory (Power Supply)

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

## Components

## Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-812S-420C	1	1U Chassis (Beige)
	CSE-812S-420CB	1	1U Chassis (Black)
Backplane	CSE-SCA-008	1	3 x 3.5" SCA Backplane with SAF-TE
Cable(s)	CBL-037L-U320	1	6", Two-Drop SCSI Cable
	CBL-0196L	1	100cm 9-pin COM Port Extension Cable
Fan(s)	FAN-0059L4	2	10cm 4-pin 5000rpm PWM blower fan
Hard Drive Carrier(s)	CSE-PT17(B)	3	SCA Hard Drive Carriers
Mounting Rails	CSE-PT34	1	1U Chassis Mounting Rails and Kit

Power Supply	PWS-0053	1	20-pin 420W/1U EPS12V Power Supply
Optional Parts List			
	Part Number	Qty	Description
Heatsink / Retention	-	-	Passive Copper Heatsink (For 1U Chassis) Please refer to our <a href="#">Thermal Components Matrix</a>
Peripheral Drives	FPD-TEAC-S(B)	-	TEAC 3.5" 1.44MB Floppy Drive (B = Black)
	CSE-PT91L	-	Slim FDD kit
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
	CSE-PT92L	-	Slim IDE DVD kit (include backplane, cable)
	MCP-220-81502-ON	-	Slim SATA DVD kit (include backplane, cable)
Front Bezel ( <a href="#">Compatibility Table</a> )	CSE-PTFB-812(B)	-	 Front Bezel Cover, Black (optional)