

SuperChassis 823HS-R500RC / 823HS-R500RCB

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Key Features

1. Redundant 500W Power Supply
2. 6x 3.5" Hot-swap SCSI Drive Bays
3. 1x 5.25" Peripheral Drive Bay
4. 1x Slim CD-ROM Drive
5. 4x 80mm 6300 RPM Fans
6. 3x Full-size, Full-length I/O Expansion Slots
7. Power Switch & 6 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

CSE-823HS-R500RC	▪ SuperChassis 823HS-R500RC (Beige)
CSE-823HS-R500RCB	▪ SuperChassis 823HS-R500RCB (Black)

Form Factor

2U chassis support for max. motherboard size - 12" x 13" E-ATX

Processor Support

Dual Itanium® 2 Processors

Dimensions

Height	3.5" (89mm)
Width	16.8" (426mm)
Depth	25.6" (650mm)
Gross Weight	52 lbs (23.6kg)
Available Colors	Beige, Black

Expansion Slots

- Capacity for 3x full-height/length expansion slots
- **Default** - 2x full-height/length 64-bit 5V PCI slots (with passive riser card)
- **Optional** - 3x full-height/length 64-bit 3.3V PCI-X slots (with active riser card)

Drive Bays

Hot-swap	6x 3.5" SCA Hot-swap drive trays
Peripheral Bay(s)	1x 5.25" full-height peripheral bay

SCA Backplane

1x 2U SCSI backplane (with SAF-TE)

Peripheral Drives

CD-ROM	Slim CD-ROM drive
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Front Panel

Buttons	▪ Power On/Off button ▪ System Reset button
LEDs	▪ Power LED ▪ Hard drive activity LED ▪ 2x Network activity LEDs ▪ System Overheat LED ▪ Power fail LED

System Cooling

Fans	4x 80mm 6300 RPM fans
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System Monitoring

Chassis intrusion switch

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

Redundant 2U 500W AC power supply with PFC [24-pin, (8-pin, 4-pin)=12V)]

AC Voltage ▪ 100 - 240V, 50/60Hz, 10 Amp

DC Output ▪ 5V + 3.3V ≤ 160W
▪ 12V Total ≤ 39 Amp

+5V 30.0 amp

+5V standby 2.0 amp

+12V₁ 15.0 amp

+12V₂ 15.0 amp

+12V₃ 18.0 amp

-12V 1.0 amp

+3.3V 21.0 amp

Regulatory (Power Supply)

- USA - UL listed, FCC
- Canada - CUL listed
- Germany - TUV Certified
- Europe/CE Mark
- EN 60950/IEC 60950-Compliant

Power Supply Safety / EMC

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-823HS-R500RC	1	2U Chassis (Beige)
	CSE-823HS-R500RCB	1	2U Chassis (Black)
Power Supply	PWS-0049	2	SP502-2S 500W 2U power supply
Power Backplane	CSE-PT823-5I2	1	2U Power Supply Backplane for PWS-0049
Peripheral Drives	CDM-TEAC-24(B)	1	Slim CD-ROM, TEAC (B = black)
Fan(s)	FAN-0094L4	4	2U, 80x38mm 4-pin PWM fan with HUS
Mounting Rails	CSE-PT25	1	2U Chassis Mounting Rails
SCA	CSE-PT17(B)	6	1" SCA drive tray
	CSE-SCA-822S	1	2U SCA Backplane with SAF-TE
Riser Card(s)	CSE-RR2U-50	1	2-slot 64/32-bit 5V PCI Riser Card
Rear I/O	CSE-PT22	1	2U Riser Rear Panel & Riser Carrier
Cables	CBL-0063	6	2-Drop SCSI Cable
	CBL-0071	1	Front Panel Round Cable
Front USB Kit	CSE-PT29(B)	-	2 Ports Front USB Kit
Shroud	CSE-PT43	1	SC823 2U Chassis Air Shroud

Optional Parts List

	Part Number	Qty	Description
Front USB Kit	CSE-PT29L(B)	-	2-Port Front USB Kit (B = Black)
Peripheral Drives	FPD-SONY-F(B)	-	Beige Sony 3.5" Floppy Drive (B = black)
	MCP-290-82307-0B	-	FDD Dummy Cover (07-0B = black)
	MCP-290-82308-0W	-	FDD Dummy Cover (08-0W = beige)
	MCP-290-82309-0B	-	DVD Dummy Cover (09-0B = black)
	MCP-290-82310-0W	-	DVD Dummy Cover (10-0W = beige)
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
Rear Panel	CSE-PT21	-	7-Slot Low-profile Rear Panel
	CSE-PT22L	-	2U Riser Rear Panel & Riser Carrier
Front Bezel (Compatibility Table)	CSE-PTFB-820B	-	Front Bezel Cover, Black (optional) Front Bezel Cover, Beige (optional)
	CSE-PTFB-820	-	
Adaptor HDD carrier	MCP-220-00080-0B	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray