SuperChassis 813T+-500 / 813T+-500B

Key Features

1. 500W Cold-swap Power Supply with I^{2}C For Remote Management
2. 4 x 3.5" Hot-swap SATA Drive Bays
3. 1 x Slim CDROM Drive
   1 x Slim Floppy Drive
4. 4x 10,200 RPM Counter-rotating Fans
5. 1 x Full-height / Half-length I/O Expansion Slot
6. 1 x Low-profile I/O Expansion Slot
7. 1 x Optional 1U IPMI and 3rd LAN Support
8. Power Switch, Reset Switch & 5 LED Indicators

Available Colors

| Beige | |
| Black | |

Specifications

Product SKUs

CSE-813T+-500	SuperChassis 813T+-500 (Beige)
CSE-813T+-500B	SuperChassis 813T+-500B (Black)

Form Factor

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

Processor Support

Dual AMD Opteron™ Processors

Dimensions

Height	1.7" (43mm)
Width	17.2" (437mm)
Depth	25.6" (650mm)
Gross Weight	36 lbs (16.4kg)
Available Colors	Beige, Black

Expansion Slots

• 1x full-height half-length PCI expansion slot (Riser Card Required)
• 1x Low-profile PCI expansion slot (Riser Card Required)
• 1x Optional 1U IPMI & 3rd LAN expansion slot

Drive Bays

Hotswap	4 x 3.5" hot-swap SATA Drive Bays

Backplane

4 x 3.5" SATA HDD Backplane

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 | N/A |

System Cooling

Fans	4x 10,200 RPM counter-rotating fans

Operating Environment (System)

Operating Temperature Range	10 - 35°C (50° to 95° F)
Non-Operating Temperature Range	-40 - +70°C (-40° to 158° F)
Humidity Range	8 - 90% non-condensing
Non-Operating Humidity Range	5 - 95% non-condensing

Power Supply

Cold-swappable 500W AC power supply module with PFC
[20-pin, (4-pin, 8-pin = 12V)]

AC Voltage	100 - 240V, 60-50Hz, 10 Amp Max
DC Output	5V + 3.3V ≤ 160W
+5V	30.0 Amp
+5V standby	2.0 Amp
+12V	39.0 Amp
-12V	1.0 Amp
+3.3V	21.0 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-813T+-500	1	1U Chassis (beige)
	CSE-813T+-500B	1	1U Chassis (black)
Air Shroud	CSE-PT70	1	SC813+ Air Shroud
Backplane	BPN-SAS-815T	1	SAS HDD Backplane
Cable(s)	CBL-0087	1	Front Panel Ribbon Cable
	CBL-0061	4	SATA Cable
Fan(s)	FAN-0083	4	JMC 10,200 RPM counter-rotating fan

Hard Drive Carrier(s)	CSE-PT39(B)	4	Hot-swappable Hard Drive Carriers
Mounting Rails	CSE-PT51	1	1U Chassis Mounting Rails and Kit
Peripheral Drives	Slim FPD-TEAC-S(B)	-	TEAC 3.5" 1.44MB Floppy Drive (B = Black)
	CDM-TEAC-24(B)	-	Slim 24x TEAC CD-ROM Drive (B = Black)
Power	PWS-0048	1	SP502-1S 500W 1U power supply
	CSE-PT813-PD520	1	1U Power Distributor

Optional Parts List			
	Part Number	**Qty**	**Description**
Front Bezel	CSE-PTFB-813(B)	-	Front Cover Bezel with Horizontal Venting Slits
	CSE-PTFB-813-01	-	Front Cover Bezel w/ Round Venting Holes
Heatsink / Retention	SNK-P0012	-	Passive Copper Heatsink (For 1U Chassis) Please refer to our Thermal Components Matrix
Peripheral Drives	DVM-PNSC-824(B)	-	Slim Panasonic 8x DVD /24x CD-ROM Combo Drive (B = Black)
Riser Card(s)	CSE-RR1U-X	-	1U 64-bit 3.3V PCI-X Riser Card - Full Height, Full Length
	CSE-RR1U-XLP	-	1U 1-Slot 64-bit 3.3V PCI-X (For Low-Profile Riser Slot)