

SuperChassis 742S-500 / 742S-500B

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Alternate View

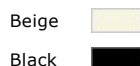


Side Handles Not Included
(Available with Optional Rail Kit)

Rear View



Available Colors



Key Features

1. Triple Redundant 500W Power Supply
2. 7x 3.5" SCA Ultra320/160 SCSI Hot-swappable Drive Bays
3. 3x 5.25" Peripheral Drive Bays
4. 1x 5.25" Drive Bay For 3.5" 1.44MB Floppy Drive
5. 7x Full-height, Full-length expansion slot
6. 2x 90mm Hot-swappable Fan
7. 1x 120mm Rear-exhaust Fan
8. 2x Front USB Ports (optional)
9. Locking Bezel
10. Power Switch & 6 LED Indicators

Links & Resources

- ▶ [Recommended Boards](#)
- ▶ [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-742S-500	■ SuperChassis 742S-500 (Beige) *
CSE-742S-500B	■ SuperChassis 742S-500B (Black) *
Form Factor	
4U chassis support for max. motherboard size - 12" x 13" E-ATX	
Processor Support	
Dual Xeon® Processors	
Dimensions	
Height	17.8" (452mm)
Width	7.0" (178mm)
Depth	23.8" (605mm)
Gross Weight	56 lbs (25.5kg)
Available Colors	Beige, Black
Expansion Slots	
7x PCI expansion slots	
Drive Bays	
Hot-swap	7x 3.5" SCA Ultra320/160 Hot-swap Drives
Peripheral Bay(s)	3x 5.25" Peripheral Drive Bay 1x 5.25" Bay For Floppy Drive
SCSI Backplane	
Single Channel SCSI Backplane without SAF-TE	
Front Panel	
Buttons	<ul style="list-style-type: none"> • Power On/Off button • System Reset button • NMI Switch
LEDs	<ul style="list-style-type: none"> • Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED • Power Fail LED
Ports	none

System Cooling	
Fans	<ul style="list-style-type: none"> • 2x 90mm Hot-swappable Fans • 1x 120mm Rear Exhaust Fan
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	
500W Triple-redundant AC power supply with PFC	
AC Voltage	• 100 - 240V, 47-63Hz, 5-10 Amp
DC Output	• 12V + 5V + 3.3V ≤ 480W
+5V	40.0 Amp
+5V standby	3.0 Amp
-5V	0.5 Amp
+12V	32.0 Amp
-12V	1.0 Amp
+3.3V	35.0 Amp
Regulatory (Power Supply)	
Power Supply Safety / EMC	<ul style="list-style-type: none"> • 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-742S-500	1	4U Chassis (Beige)
	CSE-742S-500B	1	4U Chassis (Black)
Cable(s)	CBL-0033-U320	1	9" Two-drop SCSI Ultra320 Cable
	CBL-0062	1	8-pin power extension cable

Fan(s)	FAN-0046L4	2	92x25mm 4-pin PWM Fan assembly for SC742
	FAN-0047	1	120mm Rear Exhaust Fan
Power Supply	PWS-0035	1	SP502-TC 500W Triple Redundant Power Supply
Rear I/O	-	1	Dual LAN I/O Shield for 4U
SCA	CSE-PT17	7	1" SCA drive tray
	CSE-SCA-013	1	SCA742 Single Channel SCSI Backplane without SAF-TE
Tray(s)	CSE-PT36(B)	3	5.25" Dummy Tray with Rail

Optional Parts List			
	Part Number	Qty	Description
Front USB Kit	CSE-PT29(B)	-	2 Ports Front USB Kit
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Mounting Rails	CSE-PT26	-	4U Chassis Rail Kit (Includes Side Handles)
Peripheral Drives	FPD-SONY-F(B)	-	Sony 3.5" Floppy Drive (Beige, B = Black)
	MCP-290-00039-0B	-	FDD Dummy Cover (0B = black)
Peripheral Drives	DVM-SONY-DVDRW-HB	-	Black Sony Half-height DVD-RW IDE Drive, RoHS
	DVM-LITEONFH-DVDRWB	-	Black Liteon Half-height DVD-RW Drive, RoHS
	DVM-LITE-DVDRW-HBT	-	Black Liteon Half-height DVD-RW SATA Drive, RoHS
	DVM-LITE-DVD-HBT	-	Black Liteon Half-height DVD-RW SATA Drive, RoHS
Power Supply Module(s)	PWS-0035(M)	-	SP252-TC Module for PWS-0035
Rear I/O	-	-	Other I/O Shield for 4U / Tower Chassis
SCA Backplane	CSE-SCA-09	-	SCA742 Single Channel SCSI Backplane with SAF-TE
	CSE-SCA-011	-	SCA742E2 Dual Channel SCSI Backplane with SAF-TE
	CSE-SCA-012	-	SCA742E2 Dual Channel SCSI Backplane without SAF-TE

* = End-of-Life, please contact sales-rep for possible OEM production quantities.