SuperChassis 942S-600 / 942S-600B

Products   Chassis   4U   [SC942S-600 / SC942S-600B]

Alternate View

Side Handles Not Included
(Available with Optional Rail Kit)

Rear View

Available Colors

Beige   ▢
Black   ■

Key Features

1. Triple Redundant 600W Power Supply
2. 10 x 3.5" SCA Ultra320/160 SCSI Hot swappable Drive Bays
3. 2 x 5.25" Peripheral Drive Bays
4. 1 x 5.25" Drive Bay For 3.5" 1.44MB Floppy Drive
5. 7x Full-height, Full-length expansion slot
6. 3 x 120mm Hotswappable Fans
7. 1 x 120mm Rear exhaust Fan
8. 2 x Front USB Ports (optional)
9. Power Switch & 5 LED Indicators

Links & Resources

Recommended Boards
Chassis Manual

Specifications

Product SKUs

CSE-942S-600	▪	SuperChassis 942S-600 (**Beige**)
CSE-942S-600B	▪	SuperChassis 942S-600B (**Black**)

Form Factor

4U chassis support for max. motherboard size - 12" x 13" E-ATX

Processor Support

Dual Xeon® Processors

Dimensions

Height	7.0" (178mm)
Width	17.8" (452mm)
Depth	23.8" (605mm)
Gross Weight	69 lbs (31.4kg)
Available Colors	Beige, Black

Expansion Slots

7x Full-height, Full-length expansion slots

Drive Bays

Hot-swap	• 10x 3.5" SCA Ultra320/160 Hotswap Drives • 2x M35S Mobile Racks
Peripheral Bay(s)	• 2x 5.25" Peripheral Drive Bay • 1x 5.25" Bay For Floppy Drive

SCSI Backplane

2x SCAM942 Ultra320/160 Backplanes in 2 Mobile Racks (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 • Power Fail LED
Ports	2x USB Ports (optional)

System Cooling

Fans	• 3x 120mm Hotswappable Fans • 1x 120mm Rear Exhaust Fan

System Monitoring

Chassis intrusion switch

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

600W Triple-redundant AC power supply with PFC

AC Voltage	▪	100 - 240V, 50/60Hz, 12 Amp
DC Output	▪	5V + 3.3V ? 200W
+5V	▪	30.0 Amp
+5V standby	▪	2.0 Amp
-5V	▪	1.0 Amp
+12V	▪	40.0 Amp
-12V	▪	1.0 Amp
+3.3V	▪	36.0 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
SC942S-600 Chassis	CSE-942S-600	1	4U Chassis (**Beige**)
	CSE-942S-600B	1	4U Chassis (**Black**)
Cable(s)	CBL-0043	1	10" Two-drop SCSI Ultra320 Cable
	CBL-0028	1	30" Two-drop SCSI Ultra320 Cable
	CBL-0064	1	9" 3 to 3-Pin Fan Power Extension Cord
Fan(s)	FAN-0053	3	120mm Hotswappable Fan
	FAN-0054	1	120mm Rear Exhaust Fan
Mobile Rack	CSE-M35S	2	SCSI Mobile Rack 3x 5.25" Openings to 5x 3.5" Drives
Power Supply	PWS-0044	1	SP602-TS 600W Triple Redundant Power Supply
Rear I/O	-	1	Dual LAN I/O Shield for 4U
SCA	CSE-PT17	10	1" SCA drive tray
	CSE-SCA-016	2	SCAM942 with SAF-TE
Tray(s)	CSE-PT36(B)OEM	2	5.25" Dummy Tray with Rail (B = Black)

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
Mobile Rack	CSE-M35T1	-	SATA Mobile Rack 3x 5.25" Openings to 5x 3.5" Drives
	CSE-M34S	-	SCSI Mobile Rack 3x 5.25" Openings to 4x Drives
	CSE-M34T	-	SATA Mobile Rack 3x 5.25" Openings to 4x Drives
Mounting Rails	CSE-PT26(B)	-	4U Chassis Rail Kit (Includes Side Handles)
Peripheral Drives	FPDSONY-F(B)	-	Sony 3.5" Floppy Drive (Beige, B = Black)
Power Supply Module(s)	PWS-0044(M)	-	SP302-TS Module for PWS0044
Rear I/O	-	-	Other I/O Shield for 4U / Tower Chassis