

SuperChassis 743T-500B



Key Features

1. 8x 3.5" SAS/SATA Backplane for Hot-Swappable Drives
2. Front HDD Door Lock & Side Panel Intrusion Switch
3. Front I/O Ports: 2x USB 2.0
4. 4x Middle 8cm (5000 rpm) PWM Fan
5. 4U / Full Tower Chassis Supports max. Motherboard, Sizes E-ATX 12" x 13"/ATX/Micro ATX
6. 500W **Bronze Level** Certified High-Efficiency Power Supply
7. 3x 5.25" External HDD Drive Bays & 8x 3.5" Hot-Swappable HDD Drives

Chassis Manual

Note: Image above may show a varied configuration of optional parts. Please refer to parts list for standard parts included.

Specifications ^

Product SKUs

- CSE-743T-500B ■ SuperChassis 743T-500B

Form Factor

- 4U chassis - supports for maximum motherboard sizes: 12" x 13" E-ATX and ATX

Processor Support

- Dual and Single Intel® and AMD processors

Dimensions

- | | |
|-----------------------|--|
| Height | ■ 17.8" (452 mm) |
| Width | ■ 7" (178 mm) |
| Depth | ■ 25.5" (647 mm) |
| Net Weight | ■ 52 lbs (23.59 kg) |
| Gross Weight | ■ 56 lbs (25.4 kg) |
| Packaging (W x H x L) | ■ 24.6" (625 mm) x 14" (356 mm) x 31.3" (795 mm) |
| Available Color | ■ Black |

Expansion Slots

- 7 full-height & full-length expansion slot(s)

Drive Bays

- 8 x 3.5" hot-swap SAS/SATA

Backplane

- SATA back plane for SC743 chassis

Systems Cooling

- | | |
|------|--|
| Fans | ■ 4 x 5000 RPM Hot-swap PWM Cooling Fans |
|------|--|

Operating Environment (System)

- | | |
|---------------------------------------|--------------------------------|
| Operating Temperature Range | ■ 5°C - 35°C (41°F - 95°F) |
| Non-Operating Temperature Range | ■ -40°C - 70°C (-40°F - 158°F) |
| Operating Relative Humidity Range | ■ 8% - 90% (non-condensing) |
| Non-Operating Relative Humidity Range | ■ 5% - 95% (non-condensing) |

Power Supply

PS2/ATX 500W Multi-output power supply with 12CM fan, Bronze level

- | | |
|------------------------------|--|
| Power Efficiency | ■ 88% |
| Total Output Power and Input | ■ 500W with Input 100 - 240Vac |
| AC Input Frequency | ■ 50-60Hz |
| Dimensions (L x W x H) | ■ 140 x 150 x 86 mm |
| Output Type | ■ 24pin ATX |
| -12V | ■ Max: 0.5A / Min: 0A |
| +12V | ■ Max: 17A / Min: 1A (100Vac - 240Vac)
■ Max: 17A (100Vac - 240Vac)
■ Max: 17A (100Vac - 240Vac)
■ Max: 18A (100Vac - 240Vac) |
| +5V | ■ Max: 20A / Min: 0.5A |
| +3.3V | ■ Max: 15A / Min: 0.5A |

Peripheral Drives		+5Vsb Max: 3A / Min: 0A	
3 x standard 5.25" drive bay		Certification  Bronze Certified	
Front Panel		Regulatory (Power Supply)	
Buttons - Power On/Off button - System Reset Button	Power Supply Safety / EMC - CE/EMC - FCC class B - TUV/CB - UL/CUL		
LEDs 2 Network Activity LEDs - Fan Fail/System Over Heat LED - HDD activity LED - Power Status LED - Unit Identification (UID) LED			
Ports 2x USB 2.0 Port(s)			

Components ^

Standard Parts List			
	Part Number	Qty	Description
Air Shroud	MCP-310-49002-0N	1	SC743 Intel DP X9, X8 PC air shroud 12x13MB
HD Backplane	CSE-SATA-743	1	SATA back plane for SC743 chassis
Cable(S)	CBL-0044L	4	SATA,INT,FLAT,57.7CM,26AWG
Cable(S)	CBL-0084	1	Front control cable 16 pin split, 6
Cable(S)	CBL-0087	1	CBL,FRONT CNTL,16 TO 16 PIN,Ribbon,50CM
Cable(S)	CBL-0160L	1	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable(S)	CBL-0216L	4	4 PIN TO 4 PIN MIDDLE FAN POWER EXTENSION, 20cm. 24AWG(PWM)
Fan(s)	FAN-0074L4	4	80X38MM 4-PIN PWM (MIDDLE) FAN W/HUS FOR SC743
Drive Tray(s)	MCP-220-00081-0N	1	3.5" dummy HDD (hollow-panned) for MCP-220-00075-0B,RoHS/REACH,PBF
Drive Tray(s)	MCP-220-00092-0B	8	Black Hot-swap 3.5inch HDD Tray (w/o logo)
Part(s)	MCP-110-00020-0N	2	#632"5L flat head screw (for hot-swap 3.5" HDD tray)
Power Supply & Accessory	PWS-502-PQ	1	PS2 ATX 500W MULTI-OUTPUT HI-EFF PWS

Optional Parts List			
	Part Number	Qty	Description
Mounting Rail	CSE-PT26L-(B)	-	
Cable	CBL-0286L	-	4 to 4 pin rear fan pwr ext w/ square header, 30cm (PWM). 24AWG
Fan Kit	FAN-0082L4	-	80x80x38 mm 4-pin PWM Fan Assembly for SC743, SC745
Fan Kit	FAN-0091L4	-	92X38MM 4-PIN PWM FAN W/ HUS FOR SC743
Fan Kit	FAN-0103L4	-	92x25mm 4-pin PWM fan
Fan Kit	FAN-0104L4	-	80x25mm 4-pin PWM fan
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Peripheral Drive(s)	DVM-LITE-DVDRW24-HBT	-	BLACK LITE-ON 5.25" HH 24X DVD-RW SATA DRIVE PBF
HDD Tray	MCP-220-00080-0B	-	

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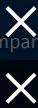
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