

SuperChassis 733TQ-645 / 733TQ-645B

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Key Features

1. 645W Low Noise Power Supply
2. 4x 3.5" SAS / SATA hot-swap drive bays (with SES2 Support)
3. 2x 5.25" drive bays
4. 1x 9cm PWM Cooling fan
5. 1x 12cm PWM Exhaust fan
6. 7x I/O expansion slots
7. 2x USB ports (2.0 ready)
8. Power switch & 4 LED indicators
9. Locking Bezel
10. Locking Side Panel

Full SES2 support is available with SAS motherboards and other compatible components.

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 - Discontinued SKU. Please contact sales-rep for possible OEM production quantities. MOQ may apply

CSE-733TQ-645 ■ SuperChassis 733TQ-645 (Beige)

CSE-733TQ-645B ■ SuperChassis 733TQ-645B (Black)

Form Factor

Mid-Tower & Workstation chassis support for max. motherboard size - 12" x 13" E-ATX

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height ■ 16.8" (427 mm)
Width ■ 7" (178 mm)
Depth ■ 20.9" (531 mm)
Weight ■ 40 lbs (18.2 kg)
Available Colors ■ Beige, Black

Expansion Slots

Supports 7x Full-height, full-length I/O expansion slots

Drive Bays

Hot-swap ■ 4x 3.5" SAS / SATA hot-swap drive bays
 ■ SAS or enterprise SATA HDD only recommended
Peripheral Bay ■ 2x 5.25" peripheral drive bay
 ■ 1x 3.5" bay

SATA / SAS Backplane

4 x 3.5" SATA / SAS Backplane with SES2

Front Panel

Buttons ■ Power On/Off button
 ■ System Reset button
LEDs ■ Power LED
 ■ Hard drive activity LED
 ■ Network activity LED
 ■ System Overheat LED
Ports ■ 2x Front side USB ports (USB 2.0 ready)

Exception caught! The key [prodID] does not exist.

System Cooling

Fans ■ 1x 12cm PWM rear exhaust fan
 ■ 1x 9cm PWM fan

Operating Environment (System)

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

Power Supply

645W Low-Noise AC power supply with PFC
 [24-pin, (4-pin, 8-pin) = 12V]
AC Voltage ■ 100 - 240V, 50 - 60Hz, 11 - 5Amp
DC Output ■ 5V + 3.3V ≤ 160W
+5V ■ 30.0 Amp
+5V standby ■ 4.0 Amp
+12V ■ 46.0 Amp
-12V ■ 0.6 Amp
+3.3V ■ 30.0 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-733TQ-645 | 1 | SC733TQ-645 Mid Tower Chassis (Default = Beige) or |
| | CSE-733TQ-645(B) | 1 | SC733TQ-645 Mid Tower Chassis (B = Black) |

| | | | |
|---------------------|---------------|---|--|
| Backplane | CSE-SAS-733TQ | 1 | 4 x 3.5" SATA / SAS Backplane with SES2 |
| Cable(s) | CBL-0049 | 1 | Front Panel Cable |
| | CBL-0051 | 1 | Floppy Cable |
| | CBL-0084 | 1 | Split Converter Cable |
| Fan(s) | FAN-0076L4 | 1 | 92x25mm 4-pin PWM Fan |
| | FAN-0077L4 | 1 | 120X38mm 4-pin PWM Fan |
| Power Supply | PWS-0060 | 1 | SP645-PS 645W Power Supply |
| Hot-swap Drive Tray | CSE-PT39(B) | 4 | Drive Tray for SC733 & SC813 (B = Black) |

| Optional Parts List | | | |
|----------------------|---------------------|-----|---|
| | Part Number | Qty | Description |
| Cable | CBL-0157L | - | 8-pin to 8-pin Ribbon Cable for SGPIO (For Additonal Drives) |
| Heatsink / Retention | - | - | Please refer to our Thermal Components Matrix |
| Peripheral Drives | FPD-TEAC-FB | - | 1.44MB 3.5" Black Floppy Drive |
| | MCP-450-73101-0B | - | Card Reader |
| | 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 |
| LCD/OLED Solutions | - | - | Please reference the LCD/OLED Display Solutions for details |
| Adaptor HDD carrier | MCP-220-00043-0N | - | Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray * limitation: due to tray dimension difference, chassis front door will need to leave open. Or removing front door is also an option. |