


# SuperChassis 825TQ-R720LPB

Products > Chassis > 2U > [ SC825TQ-R720LPB ]



### Key Features

1. 720W Redundant High-efficiency 80 PLUS Gold Level Power Supply
2. 8x 3.5" Hot-swap SAS / SATA Drive Bays
3. 2x Fixed 3.5" Drive Bays
4. Adjustable Air Shroud
5. 7x Low-profile, Full-length I/O Expansion Slot
6. Power Switch & 6 LED Indicators
7. Full SES2 support is available with SAS motherboards and other compatible components.

**Available Colors**

Black

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**Downloads**

Chassis Manual

## Specifications

Product SKUs	
CSE-825TQ-R720LPB	■ SuperChassis 825TQ-R720LPB (Black)
Form Factor	
2U chassis support for motherboard size - 12" x 13", 13.68" x 13" E-ATX and 12" x 10" ATX	
Processor Support	
Supports dual, single Intel® / AMD processors	
Dimensions	
Height	3.5" (89mm)
Width	17.2" (437mm)
Depth	25.5" (648mm)
Gross Weight	52 lbs (23.6 kg)
Available Color	Black
Expansion Slots	
• 7x low-profile full-length expansion slots	
Drive Bays	
Hot-swap	8x 3.5" SAS / SATA Hot-swap drive bays SAS or enterprise SATA HDD only recommended
SAS Backplane	
1x 2U SAS backplane w/ Enclosure Management	

System Cooling	
Fans	3x 80x38mm 4-pin PWM Fans
System Monitoring	
Chassis intrusion switch	
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 with Power Distributor	
720W (1+1) Redundant high-efficiency power supply with PMBus	
AC Input	■ 100-240 V, 50-60 Hz, 4-9 Amp
DC Output	■ 3 Amp @ +5V standby ■ 59 Amp @ +12V
With Power Distributor	
+5V	■ 45 Amp
+3.3V	■ 24 Amp
-12V	■ 0.6 Amp

Peripheral Drives	
DVD-ROM	Slim DVD-ROM drive (Optional)
Front Panel	
Buttons	<ul style="list-style-type: none"> <li>• Power On/Off button</li> <li>• System Reset button</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power LED</li> <li>• Hard drive activity LED</li> <li>• 2x Network activity LEDs</li> <li>• System Overheat LED</li> <li>• Power fail LED</li> </ul>
Ports	2x USB Ports + DB9 COM Port (optional)


Certification	 80 PLUS Gold Certified <a href="#">[ Test Report ]</a>
Regulatory (Power Supply)	
Power Supply Safety / EMC	<ul style="list-style-type: none"> <li>■ USA - UL listed</li> <li>■ Canada - CUL listed</li> <li>■ Germany - TUV Certified</li> <li>■ EN 60950/IEC 60950-Compliant</li> <li>■ CB Report</li> <li>■ CCC Certification</li> </ul>

## Components

### Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-825TQ-R720LPB	1	2U Chassis (black)
Air Shroud	MCP-310-28001-0N	1	SC825/826/216/213 Intel DP X8X7 PC air shroud [ <a href="#">Manual</a> ]
Backplane	BPN-SAS-825TQ	1	SAS / SATA Backplane [ <a href="#">Manual</a> ]; SAS-2 compatible
Cable(s)	CBL-0157L	2	8-pin to 8-pin ribbon cable for SGPIO (supports up to 4 drives)
	CBL-0180L-01	1	SATA Cable Set (4-70/59/48/38cm Round SRA)
Power	PWS-721P-1R	2	720W 1U redundant power supply
	PDB-PT825-8824	1	24-pin redundant Power Distributor
Fan(s)	FAN-0094L4	3	2U, 80x38mm 4-pin PWM fan with HUS
Mounting Rails	<a href="#">MCP-290-00053-0N</a>	1	26.5" to 36.4" rail set, quick/quick, default for 2, 3U 17.2" W chassis
Rail Adaptor	<a href="#">MCP-290-00060-0N</a>	1	Square hole to round hole rail adaptor set
Tray	<a href="#">MCP-220-00024-0B</a>	8	Hot-swap 3.5" hard drive trays (black)
	<a href="#">MCP-220-82502-0B</a>	2	FDD dummy tray support 1x 3.5" HDD
	<a href="#">MCP-220-00023-01</a>	1	Black USB Dummy Tray
Accessory	<a href="#">MCP-290-00007-01</a>	1	DVD-ROM drive dummy cover (black)
	<a href="#">MCP-420-82503-0N</a>	1	Accessories Box for SC825 with two power cords, NO FDD acc.

### Optional Parts List

	Part Number	Qty	Description
Heatsink / Retention	-	-	Please refer to our <a href="#">Thermal Components Matrix</a>
Cable(s)	CBL-0044L	-	SATA Cable, S-S, 61cm
	CBL-0082L	-	Y-split SATA power adapter
	CBL-0296L	-	Fan extension cord, 9"
Mounting Rails	<a href="#">MCP-290-00058-0N</a>	-	19" to 26.6" rail set, Quick Release, Tool-less
Peripheral Drives	<a href="#">FPD-TEAC-SB</a>	-	Black slim TEAC Floppy Drive
	<a href="#">MCP-220-00007-01</a>	-	Black USB/COM port tray
Peripheral Drives	<a href="#">DVM-TEAC-824B</a>	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
	<a href="#">DVM-PNSC-824B</a>	-	Black slim IDE DVD (8x DVD, 24x CDR), Panasonic
	<a href="#">DVM-TEAC-DVD-SBT</a>	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	<a href="#">DVM-PNSC-DVD-SBT</a>	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	<a href="#">CSE-PT92L</a>	-	Slim IDE DVD kit (include backplane, cable)
	<a href="#">MCP-220-81502-0N</a>	-	Slim SATA DVD kit (include backplane, cable)
Trays	<a href="#">MCP-220-00023-01</a>	-	Black USB dummy tray support 1x 2.5" slim HDD
	<a href="#">MCP-290-00036-0B</a>	-	Black DVD dummy tray support 1x 2.5" slim HDD
Front Bezel ( <a href="#">Compatibility Table</a> )	MCP-210-82503-0B	-	 Front Bezel Cover, Black (optional)

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