SuperChassis 835TQ-R920B

Air Shroud View

Available Colors

Black

Key Features

- **Versatile Storage Chassis with High Efficiency Power**

1. 920W Redundant High-efficiency **80PLUS Platinum Level (94%+) Power Supply**
2. 8x 3.5" Hot-swap SAS / SATA & 2x 5.25" Drive Bays
3. 1x Slim DVD-ROM Drive (optional)
4. 7x Full-height, Full-length Expansion Slots
5. 100% Cooling Redundancy
6. Adjustable Air Shroud

Please Note: Full SES2 Support is only available on SAS motherboards

Downloads

Chassis Manual

Specifications

Product SKUs

CSE-835TQ-R920B	SuperChassis 835TQ-R920B (**Black**)

Form Factor

3U chassis support for max. motherboard size - 13.68" x 13"

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height	5.2" (132mm)
Width	17.2" (437mm)
Depth	25.5" (648mm)
Gross Weight	75 lbs (34.0kg)
Available Colors	Black

Expansion Slots

- 7x full-height full-length expansion slots

Drive Bays

Hot-swap	8x 3.5" SAS / SATA Hot-swap drive trays SAS or enterprise SATA HDD only recommended

SAS / SATA Backplane

1x 2U SAS / SATA Backplane with Enclosure Management

Peripheral Drives

DVD-ROM	Slim DVD-ROM Drive (optional)

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

System Cooling

Fans	• 3x 80mm Hot-swap PWM Fans • 2x 80mm Rear-exhaust 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

920W high-efficiency (94%+) AC -DC Redundant power supplies with PMBus and I2C

AC Input	100-240 V, 50-60 Hz, 11-4.5 Amp
DC Output	4 Amp @ +5V standby 75 Amp @ +12V
With Power Distributor	+5V: 50 Amp +3.3V: 30 Amp -12V: 0.6 Amp
Certification	**80PLUS Platinum Certified** [Test Report]

Regulatory (Power Supply)

Power Supply Safety / EMC	USA - UL listed Canada - CUL listed Germany - TUV Certified EN 60950/IEC 60950 Compliant CB Report CCC Certification

Components

Standard Parts List

	Part Number	Qty	Description
Chassis	CSE-835TQ-R920B	1	3U Chassis (**Black**)
Backplane	CSE-SAS-833TQ	1	SAS833 bacl panel with AMI MG9072
Cable(s)	CBL-0044L	4	2Ft SATA Cable
	CBL-0087	1	20" 16-pin to 16-pin Round Ribbon Cable
	CBL-0216L	5	4 to 4-pin middle fan power extension cable, 200mm (PWM)
Drive Tray(s)	MCP-220-00009-01	2	Black 5.25" Drive Tray without Rail
Fan(s)	FAN-0062L4	2	8cm Rear PWM Fan (with Housing)
	FAN-0094L4	3	8cm Hot-swap PWM Fan
Hard Drive Trays	MCP-220-00001-01	8	Black Hot-swappable SATA Hard Drive Tray
Mounting Rails	MCP-290-00053-0N	1	26.5" to 36.4" rail set, quick/quick, default for 2U, 3U 17.2" W chassis
Rail Adaptor	MCP-290-00060-0N	1	Square hole to round hole rail adaptor set
Peripheral Drives	MCP-290-00003-01	1	Black SC825 FDD tray front cover
	MCP-220-82502-0B	1	FDD dummy tray support 1x 3.5" HDD
Power	PWS-920P-1R	2	Redundant 920W high-efficiency (94%+) PS with PMBus & I2C
	PDB-PT825-8824	1	24-pin Redundant Power Distributor
Air Shroud	MCP-310-38001-0N	1	SC835/836/936 Intel DP X8.X7 PC Air Shroud [Manual]

Optional Parts List

	Part Number	Qty	Description
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Mounting Rails	MCP-290-00058-0N	-	19" to 26.6" rail set, Quick Release, Tool-less
Cable Management Arm	MCP-290-00073-0N	-	Supermicro Cable Management Arm for 2U, 3U and 4U chassis (Extendable Length: 70mm to 830mm)
Peripheral Drives	FPD-TEAC-SB	-	TEAC 3.5" 1.44MB Slim Floppy Drive (Black)
	MCP-220-82503-0B	-	Slim floppy accessory kit
	MCP-290-83301-0B	-	DVD Dummy Cover (Black)
	CSE-PT40L-B0	-	Black USB/COM port tray (MCP-220-82503-0B required)
Peripheral Drives	DVM-TEAC-DVD-SBT1	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
	DVM-PNSG-DVD-SBT1	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
	MCP-220-81502-ON	-	Slim SATA DVD kit (include backplane, cable)
Front Bezel (Compatibility Table)	MCP-210-83501-0B	-	Front Bezel Cover, Black (optional)

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