Supermicro SuperChassis SC829BTQ-R920WB 2U 10xLFF RED PSU

Part number: CSE-829BTQ-R920WB

Chassis Form Factor	Rack 2U
# of 3.5 hot-swap bays	10
Power Supply	Redundant
PSU Wattage	920 W
PSU Certification	80+ Platinum

Product SKUs

CSE-829BTQ-R920WB	• SuperChassis 829BTQ-R920WB (**Black**)

Form Factor

2U chassis support proprietary motherboard - 13.68" x 16.5"

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height	3.5" (89mm)
Width	17.2" (437mm)
Depth	27.75" (705mm)
Gross Weight	55 lbs (24.9 kg)
Available Color	Black

Expansion Slots

• WIO Slots (4x Full-height, Full-length + 3x Low-profile)

Drive Bays

Hot-swap	10x 3.5" SAS/SATA Hot-swap drive bays SAS or enterprise SATA HDD only recommended

SAS Backplane

1x 2U SAS backplane w/ Enclosure Management

Peripheral Drives

DVD-ROM	Slim DVD-ROM drive (optional)

Front Panel

Buttons	• Power On/Off button • System Reset button
LEDs	• Front Power Switch LED and UID LED • Hard drive activity LED • 4x Network activity LEDs • System Overheat LED • Power fail LED
Ports	2x USB Ports + 1x Front Serial Port

Motherboard (for CSE-829BTQ-R920WB)

X9DRW-3LN4F+	X9DRW-3TF+
X9DRW-7TPF+	X9DRW-iTPF
X9DRW-iTPF+	

Server(s) for SC829BTQ-R920WB

6027R-72RFTP+	6027R-N3RF4+
6027R-N3RFT+	6027AX-TRF

System Cooling

Fans	• 4x 80mm 100CFM high-performance fans

System Monitoring

Chassis intrusion switch

Operating Environment (System)

Operating Temperature Range	• 5°C ~ 35°C (41°F ~ 95°F)
Non-Operating Temperature Range	• -40°C ~ 60°C (-40°F ~ 140°F)
Operating Relative Humidity Range	• 8% ~ 90% (non-condensing)
Non-Operating Relative 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
Certification	**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