

# Supermicro SuperChassis SC825TQC-R1K03WB 2U 8xLFF RED PSU

**Part number: CSE-825TQC-R1K03WB**



Chassis Form Factor	Rack 2U
# of 3.5 hot-swap bays	3
Power Supply	Redundant
PSU Wattage	1000 W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 647mm

## Product SKUs

CSE-825TQC-R1K03WB • SuperChassis 825TQC-R1K03WB

Motherboard (for CSE- 825TQC-R1K03WB)  
 [X11DDW-L](#) [X11DDW-NT](#)

## Form Factor

• 2U chassis supports for maximum motherboard sizes - SMC Proprietary WIO , 13.68" x 13" motherboards

Servers (for CSE- 825TQC-R1K03WB)

## Processor Support

• Dual and Single Intel® and AMD processors

[6029P-WTR](#)

## Dimensions

Height	- 3.5" (89 mm)
Width	- 17.2" (437 mm)
Depth	- 25.5" (647 mm)
Gross Weight	- 52 lbs (23.59 kg)
Packaging (W x H x L)	- 26.7" (678 mm) x 11.4" (290 mm) x 34.5" (876 mm)
Available Color	- Black

## Systems Cooling

Fans - 3 x 80mm heavy duty fan(s) with PWM fan(s) speed control

## 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)

## Expansion Slots

- 4 full-height & full-length expansion slot(s)
- 3 low-profile expansion slot(s)

## Drive Bays

- 8 x 3.5" hot-swap SAS/SATA drive bay with SGPIO
- 2 x 3.5" fixed drive bay

## Power Supply

1U 800/1000W Redundant Titanium Single Output Power Supply W/PMbus

Power Efficiency	- 96%
Total Output Power and Input	- 800W with Input 100 - 127Vac - 1000W with Input 200 - 240Vac - 1000W with Input 200 - 240Vdc
AC Input Frequency	- 50-60Hz
Dimensions (L x W x H)	- 336 x 76 x 40 mm
Output Type	- Backplanes (gold finger) - Max: 66.7A (100Vac - 127Vac) - Max: 83A (200Vac - 240Vac) - Max: 83A (200 - 240)
+12V	- Max: 4A / Min: 0A
+5Vsb	- PDB-PT825-8824 - O/P: 12V/75
Power Distributor	- +5V Max: 30 - +3.3V Max: 24 - -12V Max: 0.6
Certification	- <input type="checkbox"/> <b>Titanium Certified</b>

## Backplane

- 8-port 2U SAS3 12Gbps TQ backplane, support up to 8x 3.5-inch SAS3/SATA3 HDD/SSD

## Peripheral Drives

- Optional 1 x slim DVD-ROM drive bay
- Optional 2 x USB 2.0 ports
- Optional 1 x COM port tray
- Optional 2 x USB 3.0 ports

## Front Panel

Buttons	- Power On/Off button - System Reset Button - 2 Network Activity LEDs - HDD activity LED
LEDs	- Power Status LED - Power Fail LED - System Information LED

## Regulatory (Power Supply)

Power Supply Safety / EMC	- BSMI - CCC - CE/EMC - FCC class A - UL/CB
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*Visit us for more info:*

<https://www.superstorage.pl/supermicro-superchassis-sc825tqc-r1k03wb-2u-8x1ff-red-psu-p-3733.html>