



**TRENTON  
SYSTEMS**  
Rugged Computers

**TRC1002**  
Rugged Chassis



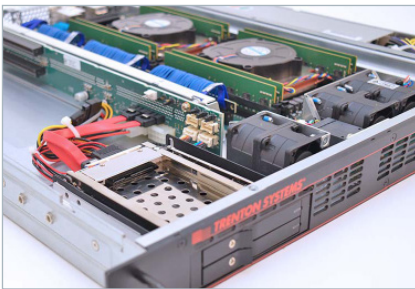
## 1U - 19" DEPTH - 2 PCIE SLOTS - 1 PROCESSOR BOARD

**Two front-access/hot-swap SATA 6 Gb/s drives with two USB 3.0 ports**

**Lightweight & powerful with PCIe slots, storage, and high-end SBC in a 1U rugged rack mount chassis**

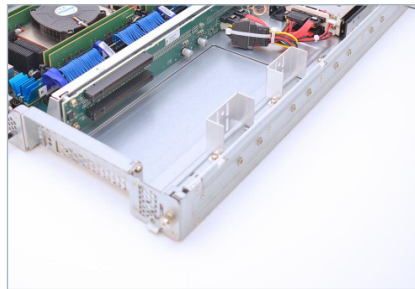
You don't need to compromise rack height or depth to get two full-height, 3/4-length PCIe slots in a 1U. Powered by a 1200W power supply and as low as 18 pounds for the complete system, the TRC1002 is the perfect combination of Size, Weight, and Power for applications that need option cards.

### PRODUCT DETAILS



#### **Xeon® SP | Core™ Series CPUs**

Enhance system performance with Intel® Xeon® SP or Core™ Processors with up to 125W of TDP.



#### **Two PCIe Slots in a 1U**

A 1U-fits-all solution with relentless CPU power, ample storage options and up to two PCIe Gen3 slots.



#### **1200W Removable PSU**

Ample wattage in a low-profile power supply that easily supports both processor boards.



[www.trentonsystems.com](http://www.trentonsystems.com)

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## Model Number

TRC1002

## Form Factor

1U rack mount chassis with one processor board and up to two PCIe slots

## Processor(s)

Dual Intel® Xeon® Scalable Processors or Single Core™ Series CPUs

## PCIe Slots

Single CPU Processor Board: 1 - x16 Gen3; 1 - x4 Gen2

Dual CPU Processor Board: 2 - x16 Gen3

## Drive Bays

Up to two front-access/hot-swap SATA 6 Gb/s drives

Up to two internal SATA 6 Gb/s drives and four optional M.2 drives

## Power Supply

1200W removable 1U power supply

## System Cooling

Fans: 6 x 40x56mm counter-rotating PWM fans

## Front Panel

### Buttons

Power On/Off button

### LEDs

Power status LED

System Fault LED

Drive activity LEDs

## Environmental Standards

### MIL-STD-810

- Operational Temperature, Method 501/502, Procedure I/II -10°C to 55°C (*dependent on CPU selected*)
- Storage, Method 501, Procedure I/II -40°C to 70°C
- Vibration, Method 514, Procedure I 1.2GRMS, 5-2000Hz, 60 min/axis, 3 axis
- Shock, Method 516, Procedure I/V 20g, 11msec functional shock; 40g 11msec crash hazard shock

### RTCA DO-160 Section 21, Category B and M

## Dimensions (W x H x D)

19.0" x 1.75" x 19.0"

48.26cm 4.45cm x 48.3cm

