



# TRENTON SYSTEMS

High-Performance  
Computers

## TRC3001



## 3U HEIGHT - 20" DEPTH - INDUSTRIAL CHASSIS

### Perfect for the SWaP Conscious: Aircraft, Vessels, Vehicles & Transit Cases

#### Accommodates up to six hot swap, front-access storage drives

The 3U Trenton TRC3001 rackmount computer saves critical component mounting space and is an ideal computing solution for mounting in the tight spaces typically found in submarines, surface ships, airborne command centers and crowded server rooms. The TRC3001 rackmount computer supports a variety of MicroATX, ATX and ExtendedATX embedded motherboard options. An example of a long-life, dual-processor MicroATX motherboard option for the TRC3001 is the Trenton

### PRODUCT DETAILS



#### Lightweight Construction

The TRC3001 features a chassis constructed with lightweight aluminum. As low as 23.4 pounds.



#### Single or Dual Processor

Single-processor & dual-processor single board computer options available.



#### Fixed or Redundant Power

650W 2U Fixed or 600W Redundant. Plus, front tool-less access to the system filter for easy cleaning and maintenance.



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

Visit our website for more info.

Phone: (770) 287-3100

Email: [sales@trentonsystems.com](mailto:sales@trentonsystems.com)

## Model Number

TRC3001

## Board Type

Motherboard

Motherboard Options: Trenton JXM7031, JXMS7031, JXMI8001, NTM6900, and Trenton validated BXM7500, BXMI8500, and BXMI8501 motherboards from Intel

## Environmental

**Temperature:** -10° C to 50° C (operating) and -40° C to 70° (storage)

**Humidity:** 5% to 90% non-condensing

## Chassis Standard

EIA RS-310C 19" Rackmount Standard

## Drive Bays

3 – 3.5" bays support 6 – 2.5" front removable/hot swap HDDs (max)

1 – Slim-line optical media bay

3 – Front removable and hot swap 3.5" drive bays support up to six 2.5" HDD/SSD carriers and 1 – Slim-line device bay for optical drive media

## Power Supply

2U fixed rear-mounted 650W ATX/EPS power supply

– OR –

600W redundant power supply

Other supply options available upon request.

## Version

3U, 19" Rackmount Computer with embedded motherboard system configuration options

## Hold Down Bar

Flexible hold down bar for the SHB/SBCs and the option cards for added security in high vibration environments

## Cooling

3 – 80mm Fans, 67 CFM each

## Dimensions

- 19.0" (W) x 5.25" (H) x 20.0" (D)

- 48.3cm (W) 13.34cm (H) x 50.8cm (D)

- 23.4 Lbs. (10.6 Kg.) - Includes chassis + dual processor ExtendedATX embedded motherboard + fixed-mount power supply only

*Final system weight is a function of the specific system configuration.*

