



**TRENTON
SYSTEMS**

**High-Performance
Computers**

**TRS3501
Rugged Chassis**

3U HEIGHT - 20" DEPTH - EATX EMBEDDED SERVER BOARD

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

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

The TRS3501 rackmount server's Extended ATX (eATX) embedded motherboard; combined with a rugged chassis design, enables deployment across a wide range of applications that rely on performance, reliability, and long-term hardware platform con guration stability. Trenton's TRS3501 rackmount server delivers hardware platform stability that far exceeds what is available with commercial server platforms. This long-term hardware stability greatly reduces the total cost of server ownership.

PRODUCT DETAILS



Lightweight Construction

The TRS3501 features a chassis constructed with light weight aluminum.



2 PCIe Card Slot Options

3 - x16 PCI Express 3.0/2.0/1.1 and
3 - x8 PCI Express 3.0/2.0/1.1 Option
Card Slots



Up To 16 Data Storage Drives

2 - 5.25" bays that support up to 8 -
2.5" HDDs for a maximum of 16 data
storage drives.



www.trentonsystems.com

Visit our website for more info.

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Model Number

TRS3501

Board Type

Dual-processor EATX embedded motherboard

Environmental

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

Humidity: 5% to 90% non-condensing

Construction

Lightweight Rugged Aluminum Enclosure

Card Slot Options

3 – x16 PCI Express 3.0/2.0/1.1

3 – x8 PCI Express 3.0/2.0/1.1

Power Supply

650W Fixed or 1500W Redundant

Switch Panels

Front

- 2 - USB 2.0 Ports
- Front LEDs for HDD activity, power status and cooling with rear LEDs for LAN activity
- Power On/O and System Reset switches
- Front access system lter for cleaning and maintenance

Rear

- 2 - USB 3.0 Ports
- 2 - USB 2.0 Ports
- 1 - COMM Port (RS232/422/485)
- 1 - VGA Port
- 2 - Gigabit Ethernet Ports
- 1 - IPMI Dedicated LAN

Chassis Standard

EIA RS-310C 19" Rackmount Standard

Cooling

3 - 80mm Fans (front-mounted), 67CFM each, with on-board PWM fan speed control

Dimension

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

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

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

