



Trenton TRC2006 Rackmount Computer
Shown with optional front cover and air filter

FEATURES

- Compact rackmount ideal for space-sensitive and data-intensive applications
- Unrivaled 2U storage capacity with eight 3.5" hot-swap bays and two internal 2.5" bays
- Extended ATX motherboard design and COTS components reduce system cost
- Long-Life dual-processor performance and scalability
- Made in the USA for long-term configuration stability and dependability with low Total Cost of Ownership
- Backed by Trenton's lifetime product support



TRC2006 OVERVIEW:

Designed to meet the exacting demands of our clients while maintaining a smaller footprint, the TRC2006 features eight (8) 3.5" hot-swappable and two (2) internal 2.5" drive bay locations to work with in data storage-intensive server applications. The two internal drive bays are ideal for operating system and other secure data storage requirements, while the eight front access/hot swap bays enable fast and efficient storage changovers. Total storage capacity of the Trenton TRC2006 2U rackmount computer can easily exceed 50TB of data based on today's typical storage drive capability. Higher density drive configurations, while more expensive, can extend this total data storage capacity even further.

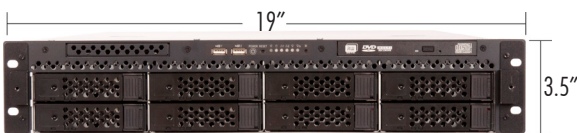
TRC2006 also provides the unheard of support for up to three, full-height, x16 PCI Express 3.0 plug-in cards. These industry standard COTS cards are installed horizontally in the TRC2006 and connect into the system motherboard via a three-position, x16 PCIe riser card (part no. FFRXR16 XXX-000-3/2). The system motherboard supports your choice of two, long-life Intel® E5-2600 v3 series processors. Other system features include a slim-mount optical disc drive and a ruggedized aluminum chassis that is optimized for airflow, stability and security to keep your investment operating at its peak performance longer. The TRC2006's compact, 2U form factor make it an easy choice for space-sensitive military, industrial automation, big data and other storage intensive applications that require computer hardware configuration stability and performance.

TRC2006 DIMENSIONS - DUAL PROCESSOR, EATX MOTHERBOARD CONFIGURATION: ¹

Front View (Shown with optional front door and filter installed)



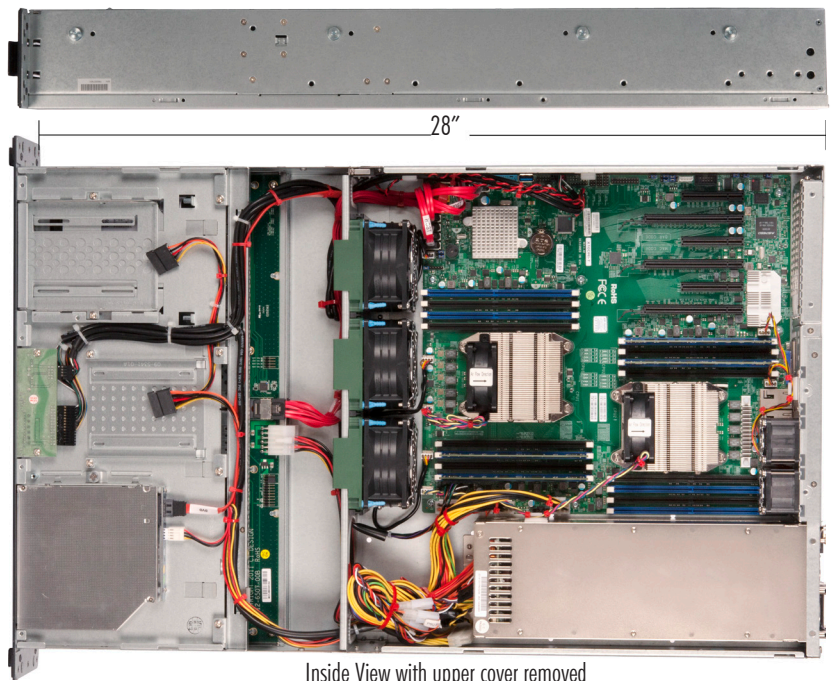
Front View (Shown with optional front door and filter removed)



Rear View



Side View



Inside View with upper cover removed

TECHNICAL SPECIFICATIONS

MODEL	TRC2006
DESCRIPTION	2U rackmount computer chassis with 28" depth
CONSTRUCTION & COLOR	Lightweight, rugged aluminum, available with or without a front filter door, black front
VERSION	19" rackmount computer with COTS-compatible design
MOTHERBOARD OPTIONS	Industry standard Extended-ATX form factor
DRIVE BAYS	Eight (8) front 3.5" hot-swappable bays. Two internal 2.5" drive carriers and dual optical drive bays
POWER SUPPLY	Dual/Redundant ATX/EPS power supply, hot-swappable
INDICATORS	LEDs for HDD Activity, Power Status and Fan Speed Status
SWITCH	Power On/Off and System Reset
FRONT CONNECTOR PORTS	2- USB 2.0
REAR CONNECTOR PORTS	2 - Ethernet LANs, 1 - IPMI Dedicated LAN, 2 - USB 3.0, 2 - USB 3.0, 1 - RS232/422/485 Serial, 1 - VGA ²
COOLING	3- 80mm fans in chassis, 1 80mm fan per processor on heatsink
AIR FILTER	Front door option provides tool-less access to the system filter for ease of maintenance
DIMENSIONS	19"/48.26cm (W) x 3.5"/8.89cm (H) x 28"/71.12cm (D)

Trenton Systems offers complete system integration of a wide variety of standard and customer-supplied operating systems and application software packages. Various Microsoft®, Linux and other RTOS operating systems can be loaded onto your system by our highly skilled factory technicians. Other system integration services include loading and testing of industry standard or COTS option cards as well as custom-designed boards.

Standard industry certifications and approvals for your specific system configuration are also available from Trenton Systems.

Final system weight, environmental specifications and total power consumption estimates are a function of the specific system configuration. Preliminary estimates and final validated values are provided by Trenton for each rackmount computer system we build.

Notes:

¹ The chassis photos are shown for illustrative purposes only.

² Rear I/O provided by approved motherboard. Connections will vary with alternate long-life motherboard selections.

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