

TRC4003

TRENTON 4U RACKMOUNT CHASSIS - 24.5" DEPTH



Trenton TRC4003 Rackmount System
Shown with a 14-slot backplane and one SBC

FEATURES

- Ideal for applications requiring a large amount of data storage
- Server-class or graphics-class PICMG 1.3 single board computer options
- Dual- or single-processor SHB or SBC options with the latest multi-core CPUs
- Nine front accessible drive bays offer enhanced system configuration options
- Four internal storage drive bays
- Long-life system fans
- Front-panel status LEDs and front-access USB ports
- Heavy duty steel chassis
- Additional system configuration options include motherboards

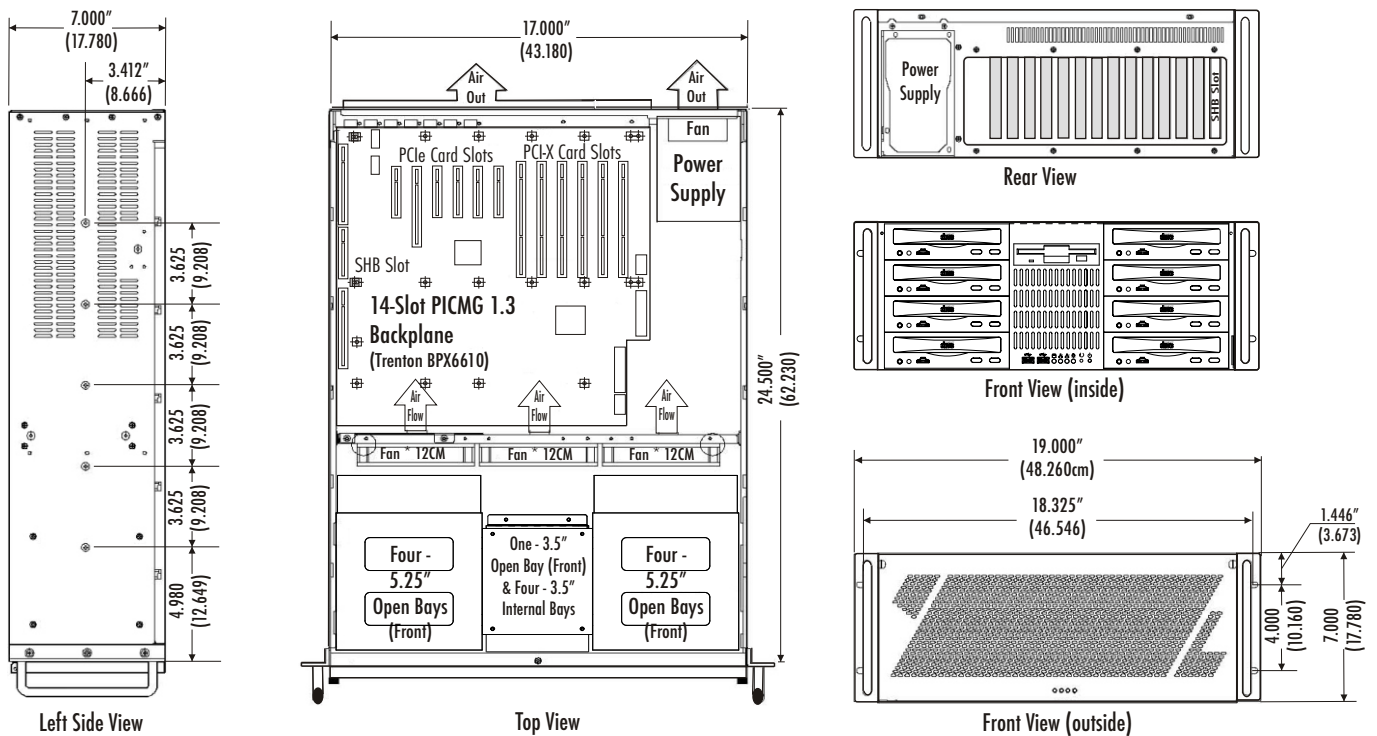


TRC4003 OVERVIEW:

The Trenton TRC4003 features the drive bay configuration flexibility needed in extended data storage applications all in a compact 4U rackmount computer enclosure. This rackmount system is configured to support one PICMG[®] 1.3 SHB and a 14-slot backplane. Additional configuration options include other multi core SHBs, SBCs and various backplane form factors. See the web pages for [Trenton single board computers](#) and [Trenton backplanes](#) for the latest details on SBC specifications and backplane slot configurations.

The TRC4003 rackmount chassis supports a rear-mounted power supply, flexible drive bay configurations, rugged system fans and a variety of computer board options. The 24.5" depth of this heavy duty steel chassis is engineered to support a variety of SBCs and industry standard backplanes including small-form factors and 14-slot form factors plus mini-ATX and ATX motherboards.

TRC4003 CHASSIS LAYOUT DRAWING - 14-SLOT BACKPLANE CONFIGURATION:



TRENTON RACKMOUNT COMPUTER: TRC4003

CHASSIS MODEL DESCRIPTION

TRC4003 4U rackmount chassis features multiple front access and internal drive bays, industry standard small form factor and 14-slot backplane options

TECHNICAL SPECIFICATIONS:

MODEL NAME	TRC4003
DESCRIPTION	4U rackmount chassis with a 24.5" depth that features 14-slot backplane support and multiple front access and internal media bays
CHASSIS STANDARD	EIA RS-310C 19" Rackmount Standard
CONSTRUCTION	Heavy Duty Steel
COLOR	Black
VERSION	19" Rackmount, 14-slot Passive backplane
PICMG 1.3 BACKPLANE OPTIONS	14-slot - Trenton BPG7087, BPC7041, BPC7009, BPX6620, BPX6610, BPX3/8 and other industry standard PICMG 1.3 14-slot backplanes Small Form Factor - Trenton BPX6719, BPG6714, BPX3/2, BPG2/2, BPX5, BPG4 and other industry standard small form factor backplanes
PICMG 1.0 BACKPLANE OPTIONS	14-slot - Trenton BP1/1/2/4/4, BP3/2/4/4, BP3/10, BP7/6 and other industry standard PICMG 1.0, 14-slot backplanes
PICMG 1.3 SHB OPTIONS	Dual-Processor PICMG 1.3 SHBs - Trenton JXT6966, MCXT-Series, MCGT-Series, SLT, NLT and other industry standard PICMG 1.3 SHBs Single-Processor PICMG 1.3 SHBs - Trenton TSB7053, JXTS6966, TQ9, TML, MCXI-Series, MCGI-Series, SLI, NLI, and other industry standard PICMG 1.3 SHBs
PICMG 1.0 SBC OPTIONS	Single-Processor PICMG 1.0 SBCs - Trenton MX8, T4R, T4G, T4I and other industry standard PICMG 1.0 SBCs
MOTHERBOARD OPTIONS	Mini-ATX and ATX form factors
DRIVE BAYS	8 - 5.25" front bays, 1 - 3.5" front bay and 4 - 3.5" internal bays to support a wide variety of storage and optical media device configurations
POWER SUPPLY	Rear mounted PS/2 system supply or mini-redundant ATX power supply, contact Trenton for latest power ratings & additional power supply options
COOLING	3 - Center-mounted 90CFM fans plus a rear-mounted power supply fan/fans, other system fan options are available
INDICATORS	LEDs for System Power ON/OFF, HDD and LAN Activity
SWITCHES	System Power ON/OFF, System Reset and Alarm Buzzer Reset
HOLD DOWN BAR	Flexible hold down bar for the SHB/SBCs and the option cards for added security in high vibration environments
AIR FILTER	Front access system filter for cleaning and maintenance inside the system's front door
METRIC DIMENSIONS	48.3cm (W) x 17.8cm (H) x 62.23cm (D)
ENGLISH DIMENSIONS	19.0" (W) x 7.0" (H) x 24.5" (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 RTOS operating systems can be loaded on to 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.

**NOTE: The chassis photos are shown for illustrative purposes only. See the Trenton website for chassis layout drawings and the latest system configuration options.*

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