TRC2001

TRENTON 2U RACKMOUNT CHASSIS - 25.6" DEPTH

Trenton TRC2001 Rackmount System
Shown with a butterfly backplane and one SBC

FEATURES

- Provides robust data storage in a compact chassis design
- 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
- Supports front-access / quick release HDD drive carriers
- Two front panel USB ports
- Long-life system fans
- Front-panel status LEDs
- Heavy duty steel chassis
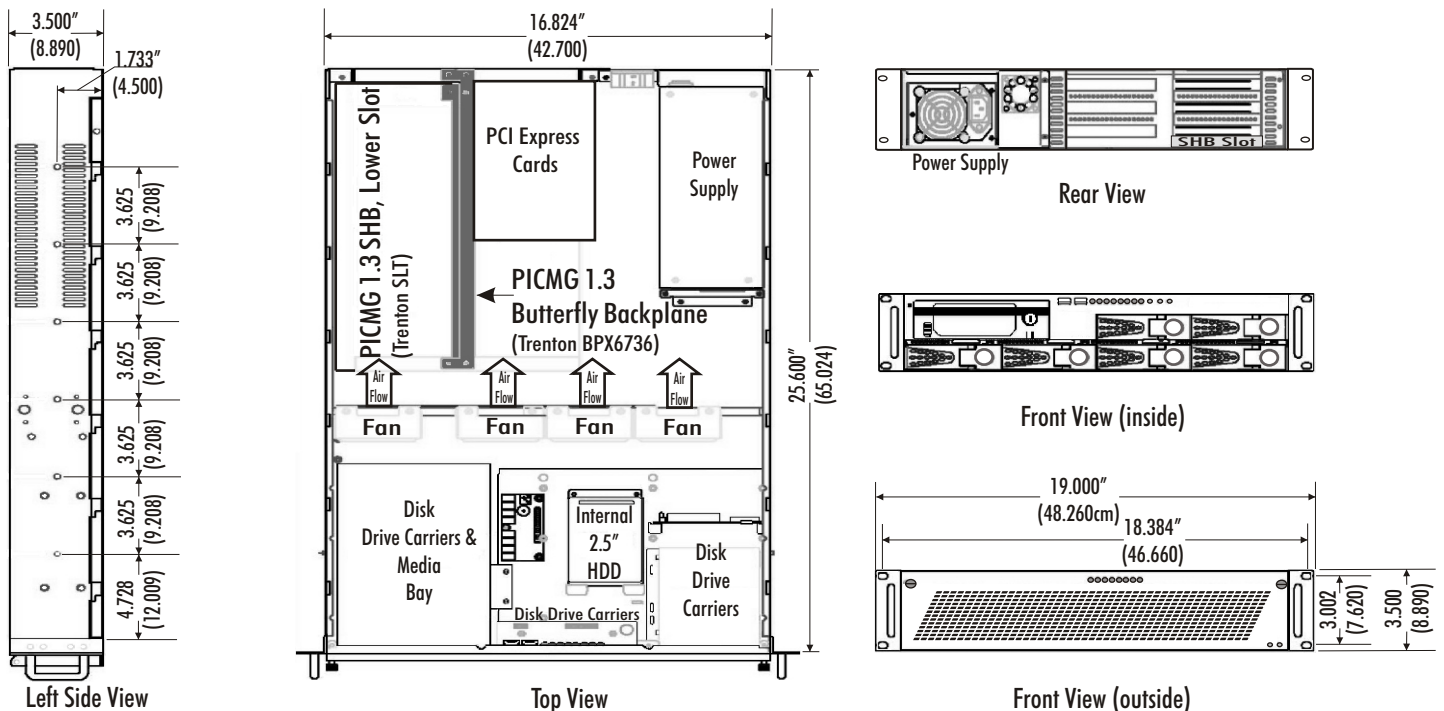- Additional system configuration options include SFF motherboards

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TRC2001 OVERVIEW:

The Trenton TRC2001 features six, front access, quick release HDD carriers and one media bay in a 2U rackmount computer enclosure. This rackmount system is configured with a PICMG® butterfly form factor backplane to support one PICMG 1.3 SHB and number of PCI-X or PCI Express® option cards. Other butterfly backplane configurations support support PICMG 1.0 SBCs. See Trenton single board computers or Trenton backplanes for more details on SBC capabilities and backplane slot configurations.

The TRC2001 rackmount chassis supports a rear-mounted power supply, two front panel USB ports and four system fans. The 25.6" depth of this heavy duty steel chassis is engineered to also support a variety of full-length option cards as well as small form factor (SFF) motherboard options such as the industry standard mini-ATX motherboard.

TRC2001 CHASSIS LAYOUT DRAWING - BUTTERFLY BACKPLANE CONFIGURATION:

Left Side View

Top View

Rear View

Front View (inside)

Front View (outside)

TRENTON RACKMOUNT COMPUTER: TRC2001

CHASSIS MODEL	DESCRIPTION
TRC2001	2U rackmount chassis with six front access HDD carriers, one optical media bay, PICMG butterfly backplane and small form factor motherboard options

TECHNICAL SPECIFICATIONS:

MODEL NAME	TRC2001
DESCRIPTION	2U rackmount chassis with a 25.6" depth that features butterfly backplane support and front access / quick release HDD carriers
CHASSIS STANDARD	EIA RS-310C 19" Rackmount Standard
CONSTRUCTION	Heavy Duty Steel
COLOR	Black
VERSION	19" Rackmount, Butterfly Form-factor Passive backplane
PICMG 1.3 BACKPLANE OPTIONS	Butterfly Form-factor - Trenton BPX6736, BPG6741 and other industry standard butterfly form factor backplanes
PICMG 1.0 BACKPLANE OPTIONS	Industry standard PICMG 1.0 butterfly form factor backplanes
PICMG 1.3 SHB OPTIONS	Dual-Processor PICMG 1.3 SHBs - Trenton MCXT-Series, MCGT-Series, SLT, NLT and other industry standard PICMG 1.3 SHBs Single-Processor PICMG 1.3 SHBs - Trenton MCXI-Series, MCGI-Series, TQ9, TML, SLI, NLI, T4L 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 other industry standard small form factor (SFF) motherboards
DRIVE BAYS	6 - Front access removable drive carriers on quick-release trays that support 3.5" HDDs, 1 - 5.25" optical media bay & 1 - 2.5" internal HDD
POWER SUPPLY	Rear mounted, single PS/2 system supply up to 700W or two mini-redundant ATX power supplies, other power supply options are available
COOLING	4 - 8.0cm/42.5CFM Hot Swap Fans, other system fan options are available
INDICATORS	LEDs for System Power ON/OFF and HDD Active
SWITCHES	System Power ON/OFF
HOLD DOWN BAR	Available upon request
AIR FILTER	Front access system filter for cleaning and maintenance
METRIC DIMENSIONS	48.3cm (W) x 8.9cm (H) x 65.1cm (D)
ENGLISH DIMENSIONS	19.0" (W) x 3.5" (H) x 25.6" (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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