



TRENTON SYSTEMS

Rugged Computers

TMS4711 Rugged Chassis



4U - 20" DEPTH - FRONT ACCESS DRIVES - UP TO 750W PSU

Combat extreme shock, vibe, and temp fluctuations with ease

Built like a tank

Whether you decide to install a single or dual processor SBC combo, the TMS4711 protects all internal components with robust hold-down bars in a corrosion-resistant aluminum enclosure. This US-made rugged military chassis comes equipped with additional cross bars for added rigidity.

PRODUCT DETAILS



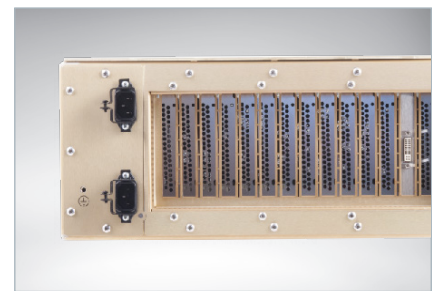
Up to 12 PCIe Slots

Enhance system design flexibility with backplane options supporting lots of PCIe 3.0 Option Cards.



MIL-STD Certified

4 front-access 3.5" drive bays and 1 slim-line optical media bay for easy drive access.



Redundant PSU

Minimize the risk of a complete computer shutdown with two power supplies in one system.



www.trentonsystems.com

Visit our website for more info.

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TECH SPECS

Model Number

TMS4711

Board Type

Single or Dual processor PICMG 1.3 single board computer and select mid-size/14 slot backplane

Environmental

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

Humidity: 5% to 90% non-condensing

Shock: 20G (operational)

Altitude: -1,000ft./304.8m to 15,000ft./4,572m (operating) and -1,000ft./304.8m to 40,000ft./12,192m (non-operating)

Drive Bays

4 – Front access 3.5" bays

1 – Slim-line optical media bay

Construction

Lightweight, rugged aluminum with corrosion-resistant Iridite coating (MIL-DTL-5541 Type 1 Class 3 Gold)

Color

Black powdercoat front panel with logo standard. Customization services available.

Power Supply

System power supply configurations available with a choice of 1U, internal mount redundant, 500W or 600W, 90-264 VAC -OR- 750W 18~36VDC supply.

Cooling

3 – 92mm Fans, 120CFM each with chassis temperature monitoring speed control. Toolless removable, front-access fan bar for easy replacement.

Front Panel

LEDs for Power and Cooling Fan Status & Switches for Power On, Reset and PS ALARM silence.

Hold-Down Bar

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

Air Filter

The front chassis door and the rear access fan cover both provide tool-less access to the front and rear system filters for easy cleaning and maintenance

Dimensions

19.0" (W) x 7.0" (H) x 20.0" (D)

48.3cm (W) x 17.8cm (H) x 50.8cm (D)

36 Lbs. includes chassis + Single Processor SHB + 14-slot BPX8093 backplane + one 2.5" HDD + DVD + power supplies only.

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

