



TRENTON SYSTEMS

High-Performance Computers

THS4095



4U HEIGHT - 26" DEPTH - INDUSTRIAL CHASSIS

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

Four quad-core SBCs and a Four-segment backplane

The THS4095 is an HDEC Series 4U rackmount computer that features the HEP8225 HDEC Series system host boards and a choice of Trenton Systems large format HDEC Series backplane. This 19" industrial rackmount computer features a rugged, lightweight, aluminum chassis design with a 26" chassis depth, and the system configuration allows for the maximum number of COTS option cards. The system is powered by a high-capacity 860w power supply configuration that allows for many option cards and high-powered processors to be used.

PRODUCT DETAILS



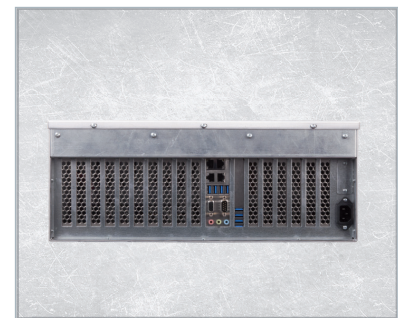
Lightweight Construction

The THS4095 features a chassis constructed with lightweight aluminum - under 39 Lbs.



Large Format Backplane

HDEC Series System Host Board and a choice of large format backplane.



Up To 18 PCIe Slots

Unprecedented flexibility and capacity when utilizing COTS PCIe 3.0/2.0/1.1 option cards.



www.trentonsystems.com

Visit our website for more info.

Phone: (770) 287-3100

Email: sales@trentonsystems.com

Model Number

THS4095

Board Type

HDEC Series System Host Board and a choice of large format backplane

Environmental**Temperature:** -10° C to 50° C (operating) and -40° C to 70° (storage)**Humidity:** 5% to 90% non-condensing**Chassis Standard**

EIA RS-310C 19" Rackmount Standard

Drive Bays

2 – 5.25" drive bays

Power Supply

860w fixed, standard configuration

Backplanes

The THS4095 supports a selection of HDEC Series large-format backplanes, enabling unprecedented flexibility and capacity when utilizing COTS PCIe 3.0/2.0/1.1 option cards. Available backplanes include:

HDB8229

Fourteen total PCIe 3.0 option card slots available:

4 – x16 PCI Express 3.0 electrical / x16 mech. connectors

10 – x8 PCI Express 3.0 electrical/ x16 mech. connectors

Additionally, the THS4095 supports the HDB8259 Large Format backplane, which utilizes the same slot layout as the HDB8229 and features per-slot I2C bus isolation.

HDB8231

Eighteen total PCIe 3.0 option card slots

2 – x8 PCI Express 3.0 electrical / x16 mechanical connectors

16 – x4 PCI Express 3.0 electrical / x16 mechanical connectors

Hold Down Bar

Flexible hold down bar for the SBC and the option cards for added security in high vibration environments

Cooling

4 – Hot-swap 92mm ball bearing fans, 102CFM each

Dimensions

- 19.0" (W) x 7.0" (H) x 26.0" (D)
- 48.3cm (W) 17.78cm (H) x 66.04cm (D)
- 39.1 lbs/17.74kg Includes chassis, dual-processor HDEC Series System Host Board and power supplies only. Final system weight is a function of your specific THS4095 HDEC Series 4U Rackmount computer configuration.

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

