



TRENTON SYSTEMS
Rugged Computers

THS4086M
Rugged Server

CE & MIL-STD-810G CERTIFIED

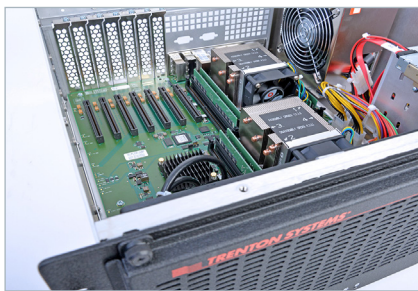
4U - 18" DEPTH - 3 FULL-HEIGHT OR 7 HALF-HEIGHT PCIE SLOTS

6 SSD drives out the front with 1 SlimLine DVD drive and two USB 3.0 ports.

The most rugged, super fast motherboard server on the market

22 fortified layers for a first of its kind motherboard. Very fast, very direct path to the processors and RAM. Load your OS and other time-critical files on the NVMe drives for high throughput and low latency with write speeds of up to 3500MB/s.

PRODUCT DETAILS



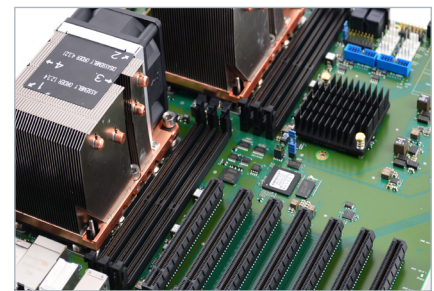
Xeon® Scalable Performance

Enhance system performance with dual Intel® Xeon® Skylake-SP Processors.



I/O Options

5 USB 3.0, 7 GbE LAN ports with 1 out-of-band management port, 1 i350 dual & quad controller, and more



Unforgettable Memory

12 DDR4-2400/2666 ECC, Registered DIMM slots supporting standard & load-reduced memory.



www.trentonsystems.com

Visit our website for more info.

Phone: (770) 287-3100

Email: sales@trentonsystems.com

Model Number

THS4086

Board Type

SSI Motherboard

CPU

Intel® Xeon® Scalable Performance (Skylake-SP) Processors., Dual Socket P (LGA3647), CPU TDP up to 125W each

Chipset

Intel® C622

Memory

12x DDR4-2400/2666 ECC Registered DIMM Slots supporting Standard & Load-Reduced Memory

PCIe Slot Configuration

- x16 Mechanical Slots
 - 3x PCIe Gen3 x16
 - 4x PCIe Gen3 x8

On-Board Connectors

2x U.2 Ports supporting x4 Gen3 ports each (SFF-8639)
6x SATA/600
2x 20-pin USB3.0 headers (2 ports each)
6x PWM Fan Headers

Rear I/O

5 USB 3.0
7x Gigabit Ethernet (10/100/1000) - 1 shared with Out of Band Management

- 1x i350 Quad Controller
- 1x i350 Dual Controller
- 1x i210 GbE (shared)

Line Out, Line In, Microphone 3.5mm Mini Audio Jacks/Realtek LALC262 Codec
1x RS232 DB9 Serial Connector
1x VGA 1920x1200@60Hz 32bpp

Trenton Systems BIOS

In-house revision-controlled BIOS with customization/optimization available (contact Trenton Systems for more info)

Trenton Smart System Management

AST2500 Baseband Management Controller consisting of:

- rKVM
- System Monitoring
- Out of Band Management
- TPM 2.0 down on the board (no header like other motherboards!)

Environmentals

Operating Temperature: 0°C - 50°C
Storage Temperature: -40°C - 70°C
Humidity: 5% - 90% Non-Condensing

Dimensions

19" (W) x 7.0" (H) x 18" (D)
48.26 cm (W) x 17.9 cm (H) x 45.72 cm (D)

