

THIRD PARTY INSIDE

3PI Servers

1U - 3U rugged and industrial-grade COTS and MOTS rack servers and workstations supporting TAA-compliant third-party motherboards in any CPU architecture. Designed for maximum interoperability with today's common building blocks to enable rapid deployment.



BOARD FLEXIBILITY

Incorporate standard mini-ITX, microATX, ATX, and eATX or proprietary motherboards to meet your most complex technical and performance requirements.



FUTURE-PROOFED DESIGN

Easily swap boards to upgrade your server without modifying the rest of the system's architecture, increasing scalability and flexibility while reducing costs.



REDUCE TIME TO MARKET

Take advantage of the latest technologies as they become available to meet the technical and performance demands of your application or program.



Overview

1U-3U military- and industrial-grade rack servers and workstations that can support any standard motherboard for the system's form factor, simplifying upgrades and enabling interoperability with existing hardware when and where it matters most.

Take advantage of the latest technologies as they become available and reduce time to market to increase scalability alongside

SOLUTION HIGHLIGHTS



Intel® PFR, SGX, TME, and TDX provide chip-based protections of firmware, data, applications, hypervisors, and virtual machines.



Next-gen PCIe slots enable you to easily expand your board's capabilities to meet the demands of your application or program.



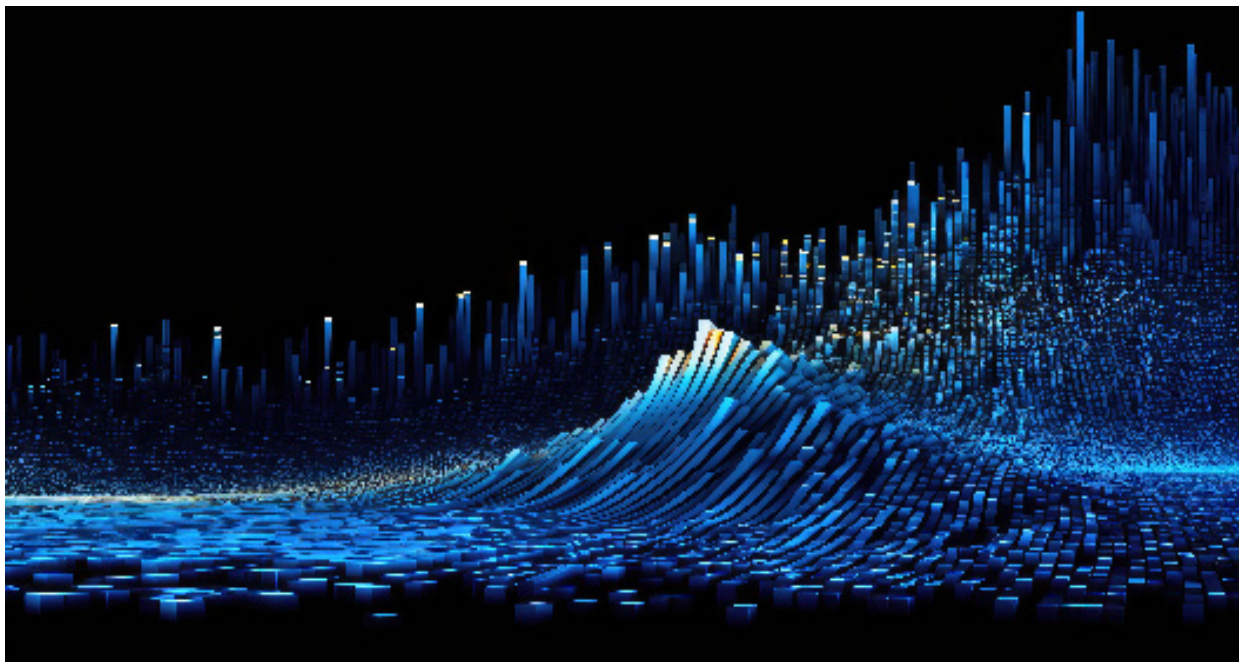
Certified to stringent military and industrial standards, ensuring maximum operational efficiency within the harshest of environments.

POWERED BY **intel**®

AI ACCELERATED BY  **nvidia**®

Technical Overview

SPECIFICATION	DETAILS
CPU	Single or Dual Intel® (Core® or Xeon®)
Memory	DDR3/DDR4/DDR5 DIMM slots with ECC
Storage	NVMe/SATA/SAS SSDs/SEDs (FIPS 140-2/3 available)
Form Factors	1U/2U/3U 19" wide/half-rack/custom-width servers up to 24" depth
Network Interface	1/10/25/40/100/200GbE ports supporting IPMI
PCIe Interconnect	x1, x4, x8, and x16 PCIe 3.0/4.0/5.0 slots
Power	Low/Mid/High wattage, redundant/non-redundant, 461-optional, fixed/removable



Our **Third Party Inside Servers** are customizable per your most complex application or program requirements. Designed to support additional customer-specified option cards including NVIDIA high-end GPUs.

If you need a different system variation not listed above, please contact a Trenton Systems engineer to configure a system or solution to your specific application or program requirements.

Contact us for pricing and availability.

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