

5000 SERIES



4000 SERIES



3000 SERIES



2000 SERIES



1000 SERIES



CPU

Dual Intel Xeon SP

MEMORY

Up to 1.5TB DDR4-2933

SLOTS

Up to 18 PCIe Gen3 Slots

Up to 18 PCIe Gen3 Slots

Up to 7 PCIe Gen3 Slots

Up to 7 PCIe Gen3 Slots

Up to 2 PCIe Gen3 Slots

STORAGE

Up to 52 SATA 6 Gb/s drives

Up to 16 SATA 6 Gb/s drives

Up to 9 SATA 6 Gb/s drives

Up to 6 SATA 6 Gb/s drives

Up to 4 SATA 6 Gb/s drives

POWER SUPPLY

Up to 2430W

Up to 1200W

Up to 650W

Up to 1500W

Up to 1200W

SIZE

5U | 19.2" - 24.5" deep

4U | 20" - 26" deep

3U | 20" deep

2U | 18" - 18.2" deep

1U | 19" deep

BUILD IT YOUR WAY

Our engineers will combine the best components to fit your requirements and manufacture a rugged server tailored to your program or application.
Contact us today, and we'll build and price a ruggedized server just for you.

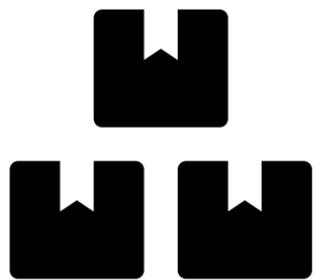
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THE EMBEDDED EDGE

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COTS SYSTEMS FOR ALL

Trenton Systems specializes in commercial-off-the-shelf rugged computing solutions equipped with the industry's leading technologies. Introducing a system to your mission-critical setup has never been quicker, easier, or simpler.



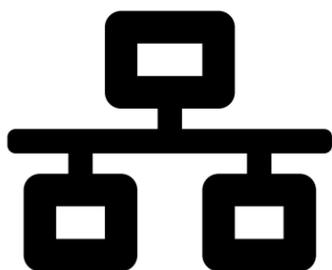
CUSTOMIZED JUST FOR YOU

The tight grip Trenton Systems has on its supply chain allows it to create never-before-seen rugged servers and workstations, sporting custom boards, ruggedized chassis, and form factors, all tailored to customers' specifications.



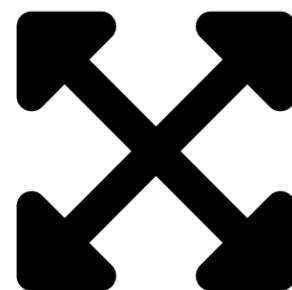
SIZE, WEIGHT, AND POWER ADHERENCE

Military servers shouldn't bend to the will of their environments; they must adapt and march onward. From the board up, Trenton Systems adheres to the big three environmental constraints: size, weight and power (SWaP).



CUSTOM BIOSES & REVISION CONTROL

Trenton Systems' engineers spend all day customizing BIOSes for military customers and ensuring revision control so that your system doesn't become obsolete or incompatible during its 11-year-plus life cycle.



LOTS & LOTS OF PCIe SLOTS

When coupled with a compatible PCIe backplane, your system could achieve up to 18 PCIe Gen 3 slots, but we can tailor our backplane designs to your requirements, allowing you to incorporate as many I/O cards as you need.



HARDENED WITH TPM 2.0

Hardened in more ways than one, Trenton Systems' military servers are equipped with an on-board Trusted Platform Module (TPM) 2.0 cryptoprocessor to ensure hardware and user security and authentication.