



Nomad Series 1U Rugged Rackmount Server



Features

- Compact 1U high-density compute platform
- Supports Intel, AMD, & ARM server-class processors
- High-core-count performance for demanding workloads
- Front-access SATA and NVMe storage
- Multi-port Gigabit and 10GbE networking
- Efficient thermal design for stable operation
- Optimized for space-constrained rack deployments



High-Density Compute | Front-Accessible Storage
Efficient Thermal Design | Space-Optimized Architecture

The NOMAD 1U Rugged Rack Mount Server, built in a compact 1U chassis, delivers high-density compute performance with defense-grade reliability. Designed for constrained rack environments, it supports deployment in mobile shelters, vehicle systems, maritime enclosures, and tactical communications platforms operating in demanding conditions. Supporting Intel, AMD, and ARM server-class processors, it offers flexible configuration options for edge compute, data aggregation, and secure processing applications. Engineered for longevity, the platform aligns with embedded processor roadmaps to support extended lifecycle programs and long-term scalability. With front-access storage, essential I/O capability, and efficient thermal design, it integrates seamlessly into dense, mission-critical systems where space and power efficiency are critical. Proudly designed and manufactured in the United States.

BIG DATA

RUGGEDIZED

RUGGED RACK MOUNT SERVERS



MILITARY TOUGH

Our product is designed to meet rigorous military standards, ensuring it performs reliably even in the harshest environments and toughest conditions.



LONG LIFECYCLE

Designed to follow the Intel embedded roadmap providing 10+ year lifecycles, enhancing scalability and flexibility while reducing costs.

CONNECTABILITY

Our servers support a wide range of connectivity options and feature various PCIe slots, ensuring compatibility with diverse networking and expansion needs.



SYSTEM

Processor

- Supports Intel Xeon SP, AMD, and ARM server-class processors

Memory

- Up to 24 DDR5 DIMM slot

Storage

- Up to 3 front-removable SATA drives
- Up to 2 NVMe U.3 drives

Environment

- Operating Temperature: 0°C to 60°C
- Storage Temperature: -20°C to 70°C
- Operating Humidity: 5% to 90% non-condensing
- Altitude: 0 to 10,000 ft operating / 0 to 30,000 ft non-operating

*Temperature ranges vary based on configuration.