



RUGGED M213 SERVER

Military-Grade 2U Rackmount Server

The **M213** is a rugged 2U server engineered for high-performance computing in extreme conditions. Housed in a lightweight, all-aluminum chassis, it's SWaP-Optimized for defense, aerospace, and industrial deployments requiring maximum durability in harsh environments. With shock-mounted drive bays and front I/O access, the M213 is built for mission-critical uptime and serviceability.

Powered by the latest Intel® Xeon® scalable processors and supporting dual NVIDIA GPUs, the M213 delivers scalable performance in a ruggedized form factor. Its short-depth design and efficient thermal management make it ideal for mobile platforms, transit cases, and tactical rackmounts. Fully customizable to meet mission needs, the M213 sets the standard for rugged 2U server solutions.

- Application-Specific design
- Tested to meet military standards
- Built in the USA

Featured Specifications

CPU

Latest Intel Xeon Scalable Processor

GPU

Latest NVIDIA GPU Graphics Card

RAM

Up to 2TB

Power

Power options available

Chassis Type

Aircraft-Grade Aluminum



Technical Specifications

Dimensions

Height: 3.50 inches, Width: 17.75 inches, Depth: 13.00 inches
Weight: 18-22 lbs

CPU

Latest Intel Xeon Scalable Processor

GPU

Latest NVIDIA GPU Graphics Card

RAM

Up to 2TB

Expansion Slots

Qty: 3, full height

External Bays

Qty: 6

USB Ports

Qty: 6

Power Supply

Power options available

System Board

Extended ATX Motherboard

Storage SSD

Up to 15.36TB NVMe

Chassis

Lightweight aluminum chassis

Environmental Specifications

Operational Temperature

MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

Storage Temperature

MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

Humidity

MIL-STD-810F, Method 507.4: 95% RH, 48 hours at 40 – 65°C

Altitude

MIL-STD-810F, Method 500.4: 12,500 ft operation; 40,000 ft transport

Vibration

MIL-STD-810G, Method 514.6: 4.43 GRMS, 5-20000Hz, 60 min/axis

Shock

MIL-STD-810G, Method 516.6: 20g, 11ms functional; 40g, 11ms crash hazard

EMC

MIL-STD-461F: CE & RE emissions

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Core Systems designs and builds rugged servers, displays, mission computers, and integrated cabinet solutions for military and industrial applications. From our 85,000 sq. ft. San Diego facility, we deliver cutting-edge, durable computing solutions for mission-critical needs.

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