



## 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 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

## Work With Core Systems Today

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.

### Core Systems

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