



### **RUGGED M122S SERVER**

## Military-Grade 1U Short-Depth Server

The **M122S** is a rugged 1U server built with aircraft-grade, all-aluminum construction for short-depth, mission-critical applications. Tested to meet MIL-STD-810 and MIL-STD-461 standards, it delivers military-grade durability to perform reliably in the harshest environments. Powered by the latest Intel® Xeon® processors, the M122S offers exceptional compute performance in a compact chassis.

Its flexible design includes a full-height PCIe slot for expansion, AC or 28VDC power options, and a 22-inch depth for easy integration into space-constrained deployments. Ideal for tactical, mobile, and rugged enterprise operations, the M122S ensures high performance and dependable operation where it matters most.

- 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

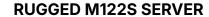
### **Power**

Power options available

#### **Chassis Type**

Aircraft-Grade Aluminum









## **Technical Specifications**

**Dimensions** 

Height: 1.75 inches, Width: 17.75 inches, Depth: 22.00 inches

Weight: 15-21 lbs

CPU

Latest Intel Xeon Scalable Processor

GPU

Latest NVIDIA GPU Graphics Card

RAM

Up to 2TB

**Expansion Slots** 

Qty: 1, full height

**External Bays** 

Qty: 8

**USB Ports** 

Qty: 4

**PCIE Expansion** 

Multiple slot combinations available

Power Supply

28VDC, 600W AC

System Board

Extended ATX Motherboard

Storage SSD

Up to 15.36TB NVMe

Chassis

Lightweight aluminum chassis

## **Enviromental 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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