CORE SYSTEMS

RUGGED CISCO M228S-C240-M5 SERVER

Military-Grade 2U Cisco Server

The MIL-SPEC **Rugged Cisco M228S-C240-M5 Server** is the industry's most versatile, general-purpose enterprise infrastructure and application server. This high-density, two-socket 2U rackmount platform delivers exceptional performance in a rugged design built for mission-critical edge and field deployments. Tested to MIL-STD-810 and optional MIL-STD-461 standards, it withstands shock, vibration, extreme temperatures, and EMI to ensure reliable operation in the most demanding environments.

Powered by dual Intel® Xeon® Scalable processors and up to 24 DDR4 DIMMs, the M228S offers robust compute, flexible expansion, and advanced thermal management. With support for high-speed NVMe, RAID, and multiple PCIe slots, it's ideal for defense, aerospace, industrial, and remote applications where uptime and performance are essential.

- Compact 1RU package
- Tested to meet military standards
- Built in the USA

Featured Specifications

CPU
Latest Intel Xeon Scalable Processor

Memory
Up to 1TB DDR4 ECC Registered
24 DIMM slots

Expansion
2× PCIe Gen 3.0 slots for additional cards

Power
Power options available

Chassis Type
Aircraft-Grade Aluminum

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Technical Specifications

Dimensions
Height: 1.75 inches, Width: 19.00 inches, Depth: 24.00 inches
Weight: 23.50 lbs

CPU
Latest Intel Xeon Scalable Processor

Memory
24 DDR4 DIMM slots
Support for DDR4 registered RDIMMs and LRDIMMs

Networking
2× embedded 1GbE LAN-on-motherboard (LOM) ports

Expansion Slots
Qty: 1, full height

PCIE Expansion
2x PCIe Gen 3.0 slots available for other expansion cards

Power Supply
770W

Cooling
High CFM, low decibel

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

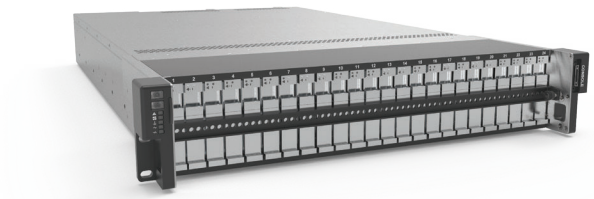
Vibration
MIL-STD-810G, Method 514.6: 4.43 GRMS, 5-20000Hz, 60 min/axis

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

EMC
MIL-STD-461F: CE & RE emissions

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.



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