CORE SYSTEMS



RUGGED M122S-C220 SERVER

Military-Grade Rugged Cisco 1U Server

The Core Systems Rugged **M122S-C220** Cisco 1U Server is the most versatile, general-purpose enterprise infrastructure and application server in the industry. It is a high-density two-socket enterprise-class rack server that delivers industry-leading performance and efficiency for a wide range of enterprise workloads, including virtualization, collaboration, and bare-metal applications.

The MIL-SPEC M122S-C220 M5 can be deployed as standalone servers or as part of the Cisco Unified Computing System™ to take advantage of Cisco's standards-based unified computing innovations that help reduce customers' total cost of ownership (TCO) and increase their business agility. MIL-SPEC Rugged M122S-C220 Cisco Server delivers outstanding levels of expandability and performance in a compact 1RU package.

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

Featured Specifications

Dimensions
Height: 1.75" | **Depth:** 22.00" | **Width:** 19.00"

Expansion Slots
Qty: 1, full height

Cooling
High CFM, low decibel

Power
770W

Chassis Type
Aircraft-Grade Aluminum

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Technical Specifications

Dimensions
Height: 1.75 inches, Width: 19.00 inches, Depth: 22.00 inches
Weight: 23.50 lbs

Processors
1 or 2 Intel® Xeon® processor E5-2600 v3 product family CPUs

Chipset
Intel C610 series

Memory
24 DDR4 DIMM slots
Support for DDR4 registered RDIMMs and LRDIMMs
Advanced error-correcting code (ECC)
Independent Channel Mode
Mirrored Channel Mode
Lockstep Channel Mode

PCIE Slots
2 PCIe Generation 3.0 slots

Power Supply
770W

Front Panel Connector
One KvM console connector
(supplies 2 USB, 1 vGA, and 1 serial connector)

Expansion Slots
Qty: 1, full height

Cooling
High CFM, low decibel

Chassis
Lightweight aluminum chassis

Environmental Specifications

Operational Temperature
-15°C to +55°C; MIL-STD-810F, Method 502.4 Procedure II (Low Temperature) and Method 501.4 Procedure II (High Temperature)

Storage Temperature
-55°C to +85°C; MIL-STD-810F, Method 502.4 Procedure I (Low Temperature) and Method 501.4 Procedure I (High Temperature)

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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