



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

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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



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

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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