

CISCO M122S-C220 M5 - 1U RUGGED SERVER

Rugged Cisco System Built for Extreme Environments

The Core Systems MIL-SPEC Rugged M122S-C220 M5 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.



**CUSTOM BUILT
RUGGED SYSTEM**



24 DDR4 DIMM SLOTS

- ▶ ALL-ALUMINUM CHASSIS
- ▶ LATEST CISCO TECHNOLOGY
- ▶ 2X PCIe GEN 3.0 SLOTS
- ▶ MIL-SPEC TESTED
- ▶ BUILT IN THE USA



The MIL-SPEC M122S-C220 M5 can be deployed as standalone servers or as part of the Cisco Unified Computing System™ (Cisco UCS) 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. The Core Systems MIL-SPEC Rugged M122S-C220 M5 Cisco Server delivers outstanding levels of expandability and performance in a compact 1RU package.

For more info on the M122S-C220 M5 server, please visit www.core-systems.com

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THE EMBEDDED EDGE

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TECHNICAL SPECIFICATIONS

MECHANICAL	Height: 1.75 in (4.45 cm), Width: 19 in (48.26 cm), Depth: 22.00 in (55.88 cm), Weight: 23.5 lbs (10.65 kg)
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	Hot-pluggable, redundant 770W power supplies. Optional DC supply
FRONT PANEL CONNECTOR	One KvM console connector (supplies 2 USB, 1 vGA, and 1 serial connector)
COOLING	High CFM, low decibel

ENVIRONMENTAL SPECIFICATIONS

OPERATIONAL TEMP.	MIL-STD-810F, Method 501.5 Procedures I/II; -15°C to +55°C
STORAGE TEMP.	MIL-STD-810F, Method 501.5, Procedures I/II; -55°C to +85°C
HUMIDITY	MIL-STD-810F, Method 507.4; 48 Hour, 95% RH 40-65C (with conformal coat option)
ALTITUDE	MIL-STD-810F, Method 500.4; 12,500ft operation with 40,000ft transport
VIBRATION	MIL-STD-810G, Method 514.6 Procedure I; 4.43 GRMS, 5-20000Hz, 60min/axis
SHOCK	MIL-STD-810G, Method 516.6, Procedures I/V; 20g, 11msec - functional shock; 40g, 11msec crash hazard shock
OTHER	MIL-STD-461F CE & RE emissions (with 461 filter option)



ABOUT US

Core Systems is a premier manufacturer of best-in-class rugged computers and rugged displays. We design and manufacture all of our products in Poway, California. Our 65,000+ square foot facility features onsite engineering, assembly, and testing along with a complete metal fabrication and machining facility. Our wide range of rugged products are deployed in ground vehicles, aircraft, and maritime installations worldwide.