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Cisco UCS C220 M5 Rack Server

Superior performance in a slim form factor

The Cisco UCS C220 M5 Rack Server is the most versatile general-purpose infrastructure and application server in the industry. This high-density, 1RU, 2-socket rack server delivers industry-leading performance and efficiency for a wide range of workloads, including virtualization, collaboration, and bare-metal applications. You can deploy the Cisco UCS C-Series Rack Servers as standalone servers or as part of the Cisco Unified Computing System to take advantage of Cisco® standards-based unified computing innovations that can help reduce your Total Cost of Ownership (TCO) and increase your business agility.

The Cisco UCS C220 M5 Server extends the capabilities of the Cisco UCS Rack Server portfolio. It incorporates the Intel® Xeon® Scalable processors with more than 20-percent more cores per socket, double the memory capacity, 20-percent more storage, and 5-times more NVMe PCIe Solid-State Drives (SSDs) supported versus the previous generation of servers. These improvements deliver significant performance and efficiency gains that will improve your application performance. The Cisco UCS C220 M5 rack server delivers outstanding levels of expandability and performance.

Benefits

- Do more with less by taking advantage of higher CPU core counts in the Intel® Xeon® Scalable processors and greater memory capacity.

- Increased hard-drive capacity gives you more flexibility in this slim 1-Rack-Unit (1RU) form factor.

- Protect your investment with the latest server technologies: NVMe and M.2.

- C220 M5 servers are supported by the full suite of Cisco Unified Computing System™ (Cisco UCS) management tools and are engineered for Cisco® Intersight™. Cisco Intersight is a cloud-based management platform that uses analytics to deliver proactive automation and support. By combining intelligence with automated actions, you can reduce costs dramatically and accelerate time to resolution.

- Cisco UCS Manager, with service profiles, enables rapid deployment and a policy-based, stateless, agile server infrastructure.

Call to action

For more information about the Cisco UCS C220 M5 Rack Server and all Cisco UCS Servers, please visit https://www.cisco.com/go/ucs.

What it does

The Cisco UCS C220 M5 Rack Server is the most versatile high-density, general-purpose enterprise infrastructure and application server in the industry today. It offers:

- Up to two Intel® Xeon® Scalable CPUs (up to 28 cores per socket)
- 2666-MHz DDR4 memory plus other speeds depending on the CPU installed
- 24 DIMM slots (12 DIMMs per CPU socket) up to 3 TB using 128-GB DIMMs
- Up to 2 PCIe 3.0 x16 slots; one full-height, three-quarter length and one half-height, half length
- Dual-port Cisco UCS Virtual Interface Card 1387 (VIC 1387) 40 Gigabit Ethernet modular LAN-On-Motherboard (mLOM) in a dedicated slot
- Either four Large-Form-Factor (LFF) or 10 Small-Form-Factor (SFF) front-loading hot-pluggable drives
  - Up to 10 NVMe drives supported
- RAID controller options:
  - Embedded Software RAID
  - Cisco 12 Gigabit Ethernet SAS Modular RAID Controller in a dedicated slot
- Internal SD or M.2 boot options
- Two 10GBase-T LOMs