The bridge to possible

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.

It incorporates the 2nd Gen Intel® Xeon® Scalable processors or Intel Xeon Scalable processors with more than 20-percent more cores per socket, 20-percent more storage, and five 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.

The bridge to possible

Benefits

- Do more with less by taking advantage of faster CPU cores in the 2nd Gen Intel Xeon Scalable processors and larger-capacity, faster memory performance.
- 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.
- Cisco UCS C220 M5 Rack 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 Software-as-a-Service (SaaS) 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.

C45-739201-05 08/21

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 2nd Gen Intel Xeon Scalable processors or Intel Xeon Scalable CPUs (with up to 28 cores per socket).
- Memory
  - 24 DIMM slots (12 DIMMs per CPU socket).
  - 2933 MHZ DDR4 memory plus other speeds depending on the CPU installed.
  - 24 x DDR4 DIMMs for up to 6 TB of capacity using 256 GB DIMMs or
  - 12x DDR4 DIMMs + 12x Intel Optane™ DC Persistent Memory modules for 6 TB or 9 TB for memory mode or App Direct mode respectively.
- 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 1497 (VIC 1497) 100 Gigabit Ethernet, VIC 1457 quad port 10/25 Gigabit Ethernet, or dual-port 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.
  - SD card: up to 128 GB.
  - M.2: up to 960 GB with optional hardware RAID.
- Two 10GBase-T LOMs.
- Up to two GPUs supported.

Learn more

For more information about the Cisco UCS C220 M5 Rack Server, refer to the Data Sheet and Spec Sheets (SFF/LFF).

For more information about all Cisco UCS Servers, please visit https://www.cisco.com/go/ucs.