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The bridge to possible

Cisco UCS C240 M6 Rack Server

High performance for data-intensive applications

The Cisco UCS C240 M6 Rack Server is well-suited for a wide range of storage and I/O-intensive applications such as big data analytics, databases, collaboration, virtualization, consolidation, and high-performance computing in its two-socket, 2RU form factor.

The Cisco UCS C240 M6 Server extends the capabilities of the Cisco UCS rack server portfolio with 3rd Gen Intel Xeon Scalable Processors supporting more than 43 percent more cores per socket and 33 percent more memory when compared with the previous generation. This provides up to 40 percent more performance than the M5 generation for your most demanding applications.

You can deploy the Cisco UCS C-Series rack servers as standalone servers or as part of the Cisco Unified Computing System managed by Cisco Intersight, Cisco UCS Manager, or Intersight Managed Mode 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.

These improvements deliver significant performance and efficiency gains that will improve your application performance. The Cisco UCS C240 M6 Rack Server delivers outstanding levels of expandability and performance.

Benefits

- Do more with less by taking advantage of faster CPU cores in the 3rd Gen Intel® Xeon® Scalable Processors and faster memory performance

- Decrease server Operating Expenses (OpEx) for power and cooling, management, and maintenance by consolidating older servers onto this latest generation of Cisco UCS® rack servers

- Simplify administration of your server infrastructure with Cisco Unified Computing System™ (Cisco UCS) management, freeing your IT staff to focus on mission-critical and value-added projects

- Automate rapid deployment with Cisco UCS Manager or Cisco Intersight™ Managed Mode for faster time to value

For more information

For more information about the Cisco UCS C240 M6 Rack Server, refer to the data sheet and spec sheet.

For more information about all Cisco UCS servers, go to https://www.cisco.com/go/ucs.

What it provides

- Up to two 3rd Gen Intel Xeon Scalable processors (with up to 40 cores per socket)
- Memory:
  - 32 DIMM slots (16 DIMMs per CPU socket)
  - 3200 MHz DDR4 memory plus other speeds depending on the CPU installed
  - 32 x DDR4 DIMMs for up to 8 TB of capacity using 256 GB DIMMs or
  - 16x DDR4 DIMMs + 16x Intel Optane™ persistent memory modules for up to 12 TB of memory
- Up to eight PCIe 4.0 slots plus modular LAN on Motherboard (mLOM) slot
- Support for Cisco UCS VIC 1400 Series adapters as well as third-party options
- Up to 28 SAS/SATA/NVMe disk drives
  - RAID controller options available
- M.2 boot options:
  - Up to 960 GB with optional hardware RAID
- Support for up to five GPUs