

# Cisco UCS C240 M5 Rack Server

## High performance for data-intensive applications

The Cisco UCS C240 M5 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 appliances.

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 help reduce customers' Total Cost of Ownership (TCO) and increase their business agility.

The Cisco UCS C240 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, and 4x 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 C240 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.
- Protect your investment with the latest server technologies: NVMe and M.2.
- C240 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 new 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.
- Decrease server Operating Expenses (OpEx) (power and cooling, management, and maintenance) spending by consolidating older servers on to the latest generation of M5 servers.

## Call to action

For more information about the Cisco UCS C240 M5 Rack Server and all Cisco UCS Servers, please visit <https://www.cisco.com/go/ucs>.

## What it does

The Cisco UCS C240 M5 Rack Server is designed to deliver exceptional performance, expandability, and efficiency for storage and I/O-intensive infrastructure workloads. It offers:

- Up to two Intel Xeon Scalable CPUs (up to 28 cores per socket)
- 2666-MHz double-data-rate 4 (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 6 PCIe 3.0 slots
- Dual-port Cisco UCS Virtual Interface Card 1387 (VIC 1387) 40 Gigabit Ethernet modular LAN-On-Motherboard (mLOM) in a dedicated slot
- Up to 12 Large-Form-Factor (LFF) or 24 Small-Form-Factor (SFF) front-loading hot-pluggable drives
  - Up to eight front-loading NVMe drives supported<sup>i</sup>
- Up to two SFF rear-loading, hot-pluggable SAS, SATA, or NVMe drives
- 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

<sup>i</sup> Available late CY17