

Cisco UCS C480 M5 Rack Server

Superior performance for mission-critical workloads

The Cisco UCS® C480 M5 Rack Server is Cisco's newest 4-socket mission-critical rack server. It is designed to deliver industry-leading performance and efficiency gains for a wide range of memory-intensive applications and bare-metal and virtualized workloads. Cisco UCS C-Series Rack Servers 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, which help reduce customers' Total Cost of Ownership (TCO) and increase their business agility.

The Cisco UCS C480 M5 server extends the capabilities of the Cisco UCS rack server portfolio. It incorporates the Intel® Xeon® Scalable processors with 14 percent more cores per socket, 266 percent more storage, 10 times more NVMe Solid-State Disk (SSDs), 20 percent more PCIe slots, and 3 times the number of GPUs supported than the previous generation of servers. These improvements deliver significant performance and efficiency gains that will improve your application performance. The C480 M5 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 faster memory performance.
- Take advantage of 6 Terabytes (TB) of memory for your SAP, SAP HANA, SQL, Oracle, and data warehouse applications.
- Increase Virtual Desktop Infrastructure (VDI) worker productivity and deep learning and machine learning with up to six GPUs.
- Deploy servers as standalone servers or as part of the Cisco Unified Computing System™ (Cisco UCS®) to fit your environment and processes.
- Decrease server operating expenses (power and cooling, management, and maintenance) by consolidating older servers onto the latest generation of Cisco UCS M5 servers.

For more information

For more information about the Cisco UCS C480 M5 Rack Server and all Cisco UCS Servers, go to <https://www.cisco.com/go/ucs>.

What it does

The Cisco UCS C480 M5 Rack Server offers exceptionally high performance and reliability to power the most computation- and memory-intensive mission-critical enterprise applications and virtualized and bare-metal workloads.

It provides:

- Up to four Intel Xeon Scalable CPUs (up to 28 cores per socket)
- 2666-MHz DDR4 memory
- 48 DIMM slots (12 DIMMs per CPU socket), with up to 6 Terabytes (TB) using 128-GB DIMMs
- CPU and memory in 2 CPU and 24 DIMM CPU modules
- 12 PCIe 3.0 slots
- Up to 24 Small-Form-Factor (SFF) front-loading hot-pluggable drives (three sets of eight)
- Up to 12 NVMe drives supported (four per set)
- Up to eight SFF top-loading, hot-pluggable SAS, SATA, and NVMe drives
- RAID controller options
- Internal Secure Digital (SD) or M.2 boot options
- Two 10GBASE-T LAN On Motherboard (LOM) modules