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# Cisco UCS C220 M7 Rack Server

## Great performance in a slim form factor

The Cisco UCS C220 M7 Rack Server is a versatile general-purpose infrastructure and application server. 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.

The Cisco UCS C220 M7 Rack Server extends the capabilities of the Cisco UCS rack server portfolio. It incorporates 5th Gen Intel Xeon Scalable Processors with 50 percent more cores per socket than the previous generation. Many applications will see significant performance and efficiency improvements with built-in accelerators into the CPUs.

You can deploy the Cisco UCS C-Series Rack Servers as standalone servers or with Cisco Intersight 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.

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## What it offers

- Up to two 5th or 4th Gen Intel Xeon Scalable processors, up to 60 cores per socket

- Memory:

  - 32x DDR5 DIMMs for up to 4 TB of capacity using 128 GB DIMMs

  - Up to 5600 MT/s DDR5 memory, plus other speeds, depending on the CPU installed

- Up to 3 PCIe 5.0 slots or  PCIe 4.0 slots plus a hybrid modular LAN-on- Motherboard (mLOM)/ OCP slot

- Support for Cisco UCS VIC 15000 Series with secure boot, enabling centralized management using Cisco Intersight and UCS adapters Manager

- Support for third-party  network and storage adapters

- Up to 10 SAS/SATA or NVMe disk drives

  - RAID controller options available

- M.2 boot options

  - Up to two 960 GB SATA with optional hardware RAID or

  - Up to two 960 GB NVMe

- Up to three GPUs supported per server

- Flexible hardware management options

  - Cisco Intersight Infrastructure Service SaaS-based cloud management

  - Cisco UCS Manager

  - Cisco Integrated Management Controller (CIMC)

## Benefits

- Improve performance and efficiency and help achieve sustainability goals with more CPU cores and built-in accelerators such as Intel Data Streaming Accelerator, Intel QuickAssist Technology, Intel Advanced Matrix Extensions (AMX) and In-Memory Analytics Accelerator (IAA), many applications will see significant performance improvements

- Decrease server Operating Expenses (OpEx) for power and cooling, management, and maintenance by consolidating older servers onto the latest generation of Cisco UCS C220 M7 Rack Servers

- Simplify administration and management of your server infrastructure with Cisco Intersight, freeing your IT staff to focus on mission-critical and value-added projects

- Designed for denser environments that do not require maximum storage

## Learn more

For more information about modernizing your infrastructure with the Cisco UCS C220 M7 Rack Server, refer to the **data sheet** or **spec sheet**. For more information about all Cisco UCS servers, please visit **https://www.cisco.com/go/ucs**.