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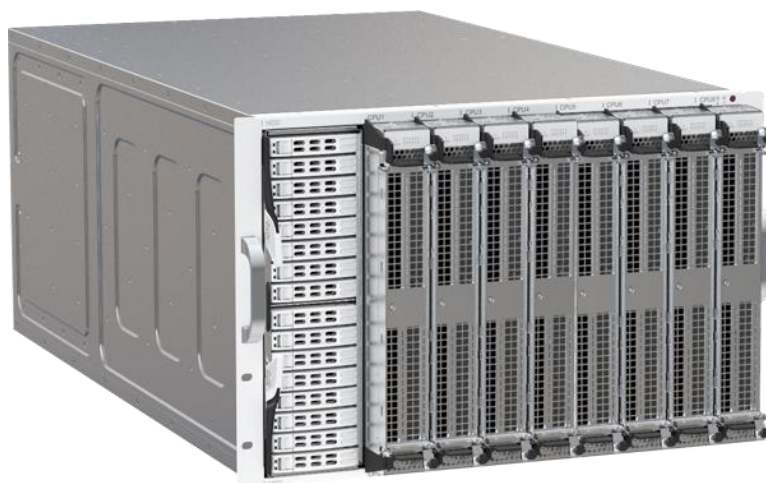
# Cisco UCS C890 M5 Rack Server

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The Cisco UCS® C890 M5 Rack Server delivers massive compute, integrated management, and business- critical support for business-critical workloads.



**Figure 1.**  
Cisco UCS C890 M5 Rack Server

## Product overview

The Cisco UCS C890 M5 Rack Server, with eight sockets, is designed for workloads that demand high-reliability, intensive compute operations with best-in-industry management costs. This server delivers an impressive 605,730 SAPS by incorporating eight Intel® Xeon® Platinum 8268, 8276, or 8280L processors. This server meets the critical workload demands for SAPS/4 HANA, BW/4 HANA, Epic Caché databases, and other massive virtualization workload consolidation efforts packed into a Seven-Unit (7U) form factor.

## Features and benefits

**Table 1.** Cisco UCS C890 M5 Rack Server features and benefits

| Feature                                     | Benefit  |
|---|--|
| <b>Cisco Intersight™ management support</b> | Cisco Intersight provides a cloud-based SaaS platform for managing infrastructure across the globe and in the cloud.   |
| <b>Cisco® solution support</b>              | Cisco provides application-aware support services to ensure their applications remain operational and provide accelerated services when support services are needed. |
| <b>Large-memory applications</b>            | These applications support from 1.5T to 36T using 32G DDR4 DIMMs, 64G DDR4 DIMMs, 128G DDR4 DIMMs, and 256G DDR4 DIMMs   |
| <b>Cisco professional services</b>          | Advanced architecture, design, implementation, and management services are available to accelerate time to money.  |

## Prominent feature

### SAP S/4 HANA migration support

Performance and availability are critical aspects of any business application, especially for SAP customers as they are migrating from traditional databases to the new in-memory SAP HANA database. The amount of data generated and managed in these database applications has grown considerably and large application servers are required to meet that demand. The Cisco UCS C890 M5 Rack Server is designed specifically to support large-memory workloads beyond the classic 12T-DIMM-only configurations by including the new Intel Optane™ DCPMM for expanded memory support.

### Healthcare data management support

The amount of data managed in the healthcare industry has grown at a staggering rate, overwhelming even the most aggressive estimates. The Cisco UCS C890 M5 Rack Server enables healthcare providers to realize the TCO advantages of scaling workloads to a single server rather than clustering multiple smaller servers.

## Product specifications

**Table 2.** Cisco UCS C890 M5 Rack Server product specifications

| Product                                      | Cisco UCS C890 M5   |
|--|---|
| CPU  | Intel Xeon 8268, 8276, 8280L  |
| Supported DDR4 Memory                        | 32G DIMM, 64G DIMM, 128G DIMM, 256G DIMM  |
| Supported Intel Optane DCPMM                 | 128G, 256G, 512G  |
| Network connectivity (8x 25G Eth, 4x 32G FC) | 1 quad-port 25G SFP Ethernet, 2 dual-port 25G SFP Ethernet, 2 dual-port 32G Fibre Channel |
| Boot   | 2x 240G SSD RAID-enabled for local boot   |
| Data storage                                 | Optional: 16x 3.2T SSD drives, RAID-enabled   |

## Ordering information

The Cisco UCS C890 M5 Rack Server has adopted a preconfigured model where 15 server configurations have been predefined to simplify and accelerate the ordering and delivery experience. Refer to the ordering guide published on Cisco's SalesConnect for more information.

## Warranty

Cisco UCS C890 M5 Rack Servers have a three-year next-business-day hardware warranty and a 90-day software warranty.

## Cisco environmental sustainability

Information about Cisco’s environmental sustainability policies and initiatives for our products, solutions, operations, and extended operations or supply chain is provided in the “Environment Sustainability” section of Cisco’s [Corporate Social Responsibility](#) (CSR) Report.

Reference links to **information about key environmental sustainability topics** (mentioned in the “Environment Sustainability” section of the CSR Report) are provided in the following table:

| Sustainability topic   | Reference                       |
|--|---------------------------------|
| Information on product material content laws and regulations                                       | <a href="#">Materials</a>       |
| Information on electronic waste laws and regulations, including products, batteries, and packaging | <a href="#">WEEE compliance</a> |

Reference links to product-specific environmental sustainability information that is mentioned in relevant sections of this data sheet are provided in the following table:

| Sustainability Topic                                    | Reference  |
|---|--|
| <b>General</b>  |  |
| Eco-Design Compliance (EU ErP Lot, Etc.)                | Table AA. Product Compliance                               |
| Environmental Certifications (EPEAT, Energy Star, Etc.) | Table BB. Product Compliance or Platform Features/Benefits |
| <b>Power</b>  |  |
| Idle, Typical or Max Product Power                      | Table CC. Product Specifications                           |
| Hardware Enabled Energy Features                        | Table DD. Platform Features/Benefits                       |
| Software Enabled Energy Features                        | Table EE. Platform Features/Benefits                       |
| Power Supply Information                                | Table FF. Product Specifications                           |
| Power Calculator  | Table GG. Product Specifications                           |
| <b>Material</b>   |  |
| Unit Weight   | Table HH. Product Specifications                           |
| System Weight (Product + Packaging)                     | Table II. Product Specifications                           |
| Recycled Content  | Table JJ. Product Specifications                           |

Cisco makes the packaging data available for informational purposes only. It may not reflect the most current legal developments, and Cisco does not represent, warrant, or guarantee that it is complete, accurate, or up to date. This information is subject to change without notice.

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## Cisco and Partner Services

Cisco and our industry-leading partners deliver services that accelerate your transition to a CISCO UCS C-series rack server solution. Cisco Unified Computing System™ services solutions can help you create an agile infrastructure, accelerate time to value, reduce costs and risks, and maintain availability during deployment and migration. After deployment, our services can help you improve performance, availability, and resiliency as your business needs evolve and help you further mitigate risk. For more information, visit <https://www.cisco.com/go/unifiedcomputingservices>.

## Cisco Capital

### Flexible payment solutions to help you achieve your objectives

Cisco Capital makes it easier to get the right technology to achieve your objectives, enable business transformation and help you stay competitive. We can help you reduce the total cost of ownership, conserve capital, and accelerate growth. In more than 100 countries, our flexible payment solutions can help you acquire hardware, software, services and complementary third-party equipment in easy, predictable payments. [Learn more](#).

## Call to action

For more information about Cisco UCS C890 M5 Rack Servers, contact your Cisco representative.

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