

Cisco C880 M5 Server

Powerful platform for SAP HANA

The Cisco® C880 M5 Server provides a powerful foundation for the memory-intensive SAP HANA solutions. With eight Intel® Xeon® 8180M or 8176 processors in its CPU, the C880 M5 is configured and deployed for SAP HANA workloads, including analytic SAP Business Warehouse, and transactional workloads, such as SAP ERP, CRM, and S4/HANA. This no-compromise server is a balance of performance, expansion capabilities, and flexibility to scale in a 5-Rack-Unit (5RU) form-factor.



Features and capabilities

Ready for SAP HANA workloads

The Cisco C880 M5 hardware comes fully configured. Choose from 3, 6, or 12 terabytes (TB) of memory, depending on the projected in-memory database size requirements.

Scale up or scale out architecture

The server can be deployed as part of a scale-up architecture, where SAP HANA database tables are deployed as a single-server appliance, or as part of an SAP HANA cluster. The server can be configured with 3 TB or 6 TB of memory for Business Warehouse implementation. The versatile server can also be configured with 3 TB, 6 TB, 9 TB, or 12 TB for scale-up transactional workloads, or for the scale-out S/4 workload. The specifications are shown in Table 1.

SAP HANA Certified or TDI: A flexible server deployment

This certified SAP HANA solution reduces risk and accelerates installation and deployment. The 40 x 1.8 TB hard disk drive storage provides the performance required for HANA appliance implementations. SAP HANA Tailored Datacenter Integration (TDI) installations are also fully supported by replacing the attached storage with enterprise data center storage that meets the SAP HANA TDI requirements. Save on costs by leveraging your existing storage investments.

Cisco UCS Director support

Cisco UCS® Director facilitates infrastructure deployment and real-time monitoring and management, including system inventory and operational health status, monitoring, and troubleshooting SAP HANA-specific workflows.

Cisco solutions support for SAP HANA

The C880 M5 is backed by Cisco SMARTnet™ services and SAP HANA solution support. Installation, business continuity, and lifecycle management services are also available from Cisco Advanced Services teams.

Table 1. Specifications at a glance

Server chassis	5RU server, includes rack rail kit
CPU	8 Intel 8180M or 8176 Series processors with a “glueless” design
Memory	3 TB, 6 TB, and 12 TB configurations SDDC+1, ADDDC-MR, memory mirroring, memory sparing
I/O	Peripheral Component Interconnect Express (PCIe) 3.0 x8 and x16 4 dual-channel 10-Gbps LAN cards (SFP+) 2 dual-channel 32-Gbps Fibre Channel cards RAID controller 12 G with flash backup
System redundancy	6 redundant fans and 4 1600W 220V power supplies
System management	New iRMC with API support for RESTful API, Redfish, and Intelligent Platform Management Interface (IPMI)

Warranty information

Cisco UCS C880 M5 Rack Servers have a 3-year next-business-day hardware warranty and a 90-day software warranty.

The C880 M5 server requires Solution Support, which combines Cisco product support and solution-level support. Solution Support is a critical element in data center administration, helping to rapidly resolve any issue encountered while maintaining performance, reliability, and return on investment. Our experts are the primary point of contact and own the case from first call to resolution. For more information, please refer to <https://www.cisco.com/c/en/us/services/technical/solution-support.html>.

Cisco and partner services

Cisco and our industry-leading partners deliver services that accelerate your transition to a Cisco UCS C-Series Rack Servers solution. Cisco Unified Computing 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 financing to help you achieve your objectives

Cisco Capital® financing can help you acquire the technology you need to achieve your objectives and stay competitive. We can help you reduce Capital Expenditures (CapEx), accelerate your growth, and optimize your investment dollars and ROI. Cisco Capital financing gives you flexibility in acquiring hardware, software, services, and complementary third-party equipment. And there’s just one predictable payment. Cisco Capital financing is available in more than 100 countries. [Learn more](#).

For more information

For more information about Cisco UCS C880 M5 Rack Servers, refer to

<https://www.cisco.com/c/en/us/support/servers-unified-computing/c880-m5-server/model.html>.




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