

Cisco UCS B480 M5 Blade Server

Expandable 4-socket blade server

The enterprise-class Cisco UCS® B480 M5 Blade Server delivers market-leading performance, versatility, and density without compromise for memory-intensive mission-critical enterprise applications and virtualized workloads, among others.

With the Cisco UCS B480 M5, you can quickly deploy stateless physical and virtual workloads, with the programmability that Cisco UCS Manager and Cisco® SingleConnect technology enables. The server uses the Intel® Xeon® Scalable processors, with up to 6 Terabytes (TB) of memory; four SAS, SATA, and NVMe drives; M.2 storage; four GPUs; and 160 Gigabit Ethernet connectivity. The Cisco UCS B480 M5 offers exceptional levels of performance, flexibility, and I/O throughput to run your most demanding applications.

Excellent candidates for the B480 M5 include applications such as SAP, SAP HANA, SQL, and Oracle; data warehouse and large virtualized environments including Virtual Desktop Infrastructure (VDI); real-time financial applications; Java-based workloads; and server consolidation.

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 with four times the GPU support of previous blade servers.
- Simplify administration of your server infrastructure with Cisco Unified Computing System™ (Cisco UCS®) management.
- Benefit from automated rapid deployment with Cisco UCS Manager, achieving faster time to value.

For more information

For more information about the Cisco UCS B480 M5 Blade Server and all Cisco UCS servers, go to <https://www.cisco.com/go/ucs>.

What it does

The Cisco UCS B480 M5 Blade Server offers the industry's highest density and most flexibly expandable modular 4-socket blade server in a compact form factor. It provides world-record performance for enterprise and mission-critical applications. The B480 M5 offers:

- 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 TB using 128-GB DIMMs
- Cisco FlexStorage® storage subsystem
- Five mezzanine-card adapters
 - One slot for Cisco UCS Virtual Interface Card (VIC) 1340 modular LAN On Motherboard (mLOM) and upcoming fourth-generation VIC mLOM
 - Two slots for VIC (port expander, VIC 1380, and upcoming fourth-generation generation VIC), GPU, or flash-memory options
 - Two slots dedicated for GPU, Cisco FlexStorage RAID controller, and RAID pass-through
- Internal Secure Digital (SD) or M.2 boot options