

Cisco UCS B200 M5 Blade Server

Density without compromise

For remote sites or data centers, the enterprise-class Cisco UCS® B200 M5 Blade Server delivers market-leading performance, versatility and density without compromise for workloads ranging from web infrastructure to distributed databases.

The B200 M5 can quickly deploy stateless physical and virtual workloads with the programmability provided by Cisco UCS Manager and Cisco® SingleConnect technology. With the Intel® Xeon® Scalable processors, up to 3TB of memory, up to two SAS, SATA and NVMe drives plus M.2 storage, up to two GPUs and up to 80 Gigabit Ethernet, the B200 M5 offers exceptional levels of performance, flexibility and I/O throughput to run your applications.

B200 M5 servers are supported by the full suite of Cisco Unified Computing System™ (Cisco UCS) management tools and are engineered for Cisco® Intersight™. Cisco Intersight is a new cloud-based management platform that uses analytics to deliver proactive automation and support. By combining intelligence with automated actions, you can reduce costs dramatically and accelerate time-to-resolution.

Benefits

- Do more with less by taking advantage of higher CPU core counts in the Intel® Xeon® Scalable processors and larger-capacity, faster memory.
- Increase Virtual Desktop Infrastructure (VDI) worker productivity with double the GPU support of previous blade servers.
- Decrease server Operating Expenses (OpEx) for power and cooling, management and maintenance by consolidating older servers on to the latest generation of Cisco UCS® B200 M5 Blade Servers.
- Simplify administration of your server infrastructure with Cisco Unified Computing System™ (Cisco UCS) management, freeing your IT staff to focus on mission-critical and value-added projects.
- Automate rapid deployment with Cisco UCS Manager for faster time to value.

Call to action

For more information about the Cisco UCS B200 M5 Blade Server and all Cisco UCS servers, go to <https://www.cisco.com/go/ucs>.

What it does

The Cisco UCS B200 M5 Blade Server is the industry's highest-density, most flexibly expandable modular 2-socket blade server. This compact blade server provides world-record performance for enterprise applications. The B200 M5 offers:

- Up to two Intel Xeon Scalable CPUs (up to 28 cores per socket)
 - 2666-MHz DDR4 memory plus other speeds depending on the CPU installed
 - 24 DIMM slots (12 DIMMs per CPU socket) for up to 3 TB of capacity using 128-GB DIMMs
 - Cisco FlexStorage storage subsystem
 - Cisco UCS Virtual Interface Card (VIC) 1340 modular LAN On Motherboard (mLOM) and upcoming fourth-generation VIC mLOM
- Two mezzanine card adapters:
 - One rear slot for VICs (port expanders, Cisco UCS VIC 1380 cards and upcoming fourth-generation VICs), GPU and flash storage options
 - One front slot dedicated to the GPU or Cisco FlexStorage RAID controller, which supports SAS, SATA hard-disk drives, Solid-State Disk (SSD) and NVMe options
 - Internal Secure Digital (SD) and M.2 boot options
 - SD card: up to 128 GB
 - M.2: up to 960 GB