



IBM Cloud Bare Metal Servers with 2nd Gen AMD EPYC™ 7F72 Processors

Impressive core count and clock frequency for your database, gaming, and enterprise HPC workloads.

Highlights

- On-demand provisioning of your bare metal server in the cloud
- Pay only for what you consume, monthly billing
- [Self-service console](#) for quick setup
- Attractive options for gaming, computational fluid dynamics, databases, and other high-performance computing scenarios

AMD EPYC™ 7002 on IBM Cloud – Resources

- [AMD EPYC™ 7F72 Processors: Gaming Performance on IBM Cloud Bare Metal Servers](#)
- [AMD EPYC™ 7F72 Processors: OpenFOAM on IBM Cloud Bare Metal Servers](#)
- [AMD EPYC™ 7F72 Processors: MySQL on IBM Cloud Bare Metal Servers](#)
- [AMD EPYC™ 7642 Processors on IBM Cloud Bare Metal Servers](#)

Solve heavy compute tasks in less time with the AMD EPYC 7F72 CPU for IBM Cloud Bare Metal Servers. The dual-socket architecture helps you push the limit of max performance thanks to an impressive combo of high core counts, clock speeds, and memory bandwidth. It's ideal for power-hungry workloads, like enterprise-level data base crunching, multiplayer gaming clouds with worldwide reach, and fluid dynamics applications.

AMD CPU EPYC 7F72 dual-socket server at-a-glance

- 48 CPU cores-per-platform
- Base clock frequency of 3.2GHz
- Maximum all-core boost up to 3.7GHz
- 8 memory channels per socket
- Up to 4TB memory configuration support
- Up to 24 local storage drive support
- OS support to be Red Hat Embedded Linux, CentOS, Ubuntu, MS

Heavy resources for heavy workloads

Give your modern workloads the performance they need with 24 CPU cores per socket and impressive memory bandwidth. 2nd Gen AMD EPYC™ 7F72 processor architecture on IBM Cloud Bare Metal Servers deliver high base and boost frequencies, along with a very high L3 cache per core – ideal for compute-intensive enterprise and enterprise level HPC applications.

Seamless workload migration

Migrate applications currently running on other existing cloud instances to AMD EPYC processor-based IBM Cloud Bare Metal Servers with little to no modification.

Enterprise security

Take advantage of advanced security features, including Secure Memory Encryption and Secure Encrypted Virtualization – based on the AMD Infinity Guard architecture.

Why IBM Cloud Bare Metal Servers?

Explore customizable, dedicated IBM Cloud Bare Metal Servers that scale up or down to suit your needs. Plus, launch your applications and software across blended, hybrid environments – IBM Cloud Bare Metal Servers integrate with all cloud models – and no vendor lock-ins.

Spin up IBM Cloud Bare Metal Servers on demand and help keep costs to a minimum with hourly and monthly pricing options. Choose from a wide range of capabilities, and provisioning options with over 11M+ configurations to choose from.

All IBM Cloud Bare Metal Servers operate on our private, global IBM Cloud Network so you can launch with confidence. All inbound and outbound network within the IBM Cloud Network is unlimited and not charged, offered between and within any IBM Cloud data center, and across our high-speed, backbone. 20 TB of outbound data transfer is included with all monthly bare metal servers.* Additional bandwidth options can also be purchased, shown at: ibm.com/cloud/bandwidth.

For more information

To configure, price, or save a quote for 2nd Gen AMD EPYC™ Processors on IBM Cloud Bare Metal Servers, visit the [IBM Cloud Catalog](#). To explore software and operating systems, or to view our tutorials for getting started, visit our dedicated [IBM Cloud Docs](#) pages. To learn more about IBM Cloud Bare Metal Servers, read our reviews, or catch up on the latest blogs, visit: ibm.com/cloud/bare-metal-servers.

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IBM Cloud

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* *20 TB bandwidth included in United States, Canada and Europe data centers; 5 TB bandwidth included in all other datacenters. AMD EPYC