

# Intel® Server System M20MYP Frequently Asked Questions



## 1. Why should I choose an entry-level server over higher-performance servers?

Regardless of what industry you're in, or the size of your business, your workloads have differing demands. Some workloads are performance- or latency-sensitive. Other workloads are very compute-intensive, requiring multiple processors with many powerful cores. And still others may be more data-intensive, requiring greater memory capacity and faster storage and I/O.

But some workloads have more modest demands. They still need to meet a certain level of performance, but the performance requirements aren't as strict. That's what we call essential performance—the delivery of enough performance to complete the task at the required level of service.

Choosing the right server for each workload is important to properly balance cost and performance. Running lower demand workloads on high-end servers can increase costs unnecessarily. Cost-efficient performance should always be a goal, which is why entry-level servers play such an important role in IT infrastructures.

## 2. Aren't all entry-level servers alike?

It may seem like there is little to differentiate one entry-level server from another. After all, aren't you primarily buying an entry-level server because it's less expensive, with the intent of running less performance-hungry workloads?

Yes, cost is the primary reason to choose an entry-level server. But that doesn't mean cost is the only consideration. Performance, security, support, deployment, and operational simplicity still matter.

Those reasons are what make Intel® Server System M20MYP an ideal entry-level server. It is equipped with all the essential features you need in a server, plus industry-leading 2nd Gen Intel® Xeon® Scalable processors with outstanding per-core performance. And you get dual 10Gbps Ethernet performance, which is far better than the 1Gbps Ethernet found in other entry-level servers.

### Ethernet Performance



10Gbps 1Gbps

And as your business demands grow—even across your lighter-performance workloads—adding more Intel® Server System M20MYP servers is the cost-effective scale-out choice.

## 3. If I'm a cloud service provider, what workloads make sense for Intel® Server System M20MYP?



Cloud providers run a broad array of workloads and need to maximize cost efficiency to be competitive.

The Intel® Server System M20MYP delivers cost-effective performance across a variety of workloads. It is a great choice for virtual machine hosting for less demanding SLAs. It can also provide essential performance for app hosting for many of today's modern, container-based applications, and for Virtual Desktop Infrastructure (VDI).

#### 4. If I'm an enterprise user, what workloads make sense for Intel® Server System M20MYP?



As enterprise users continue to modernize, the Intel® Server System M20MYP delivers essential performance across many tasks.

It can monitor your on-premises infrastructure resources, which is critical to enabling a self-optimizing, software-defined infrastructure. It's also a great choice for utility and provisioning tasks.

The Intel® Server System M20MYP also provides plenty of performance for most application presentation layer needs, whereas higher-performance Intel® servers can be used to handle application and data access layer requirements.

#### 5. If I'm a small or medium business, what workloads make sense for Intel® Server System M20MYP?



In addition to other workload needs, small and medium businesses generally need servers to provide essential performance for a variety of common server tasks.

Most need cost-effective performance for email servers, file servers and web servers. The number of users and responsiveness demands make the Intel® Server System M20MYP a great choice to provide those critical business needs.

#### 6. Are there multiple configuration options for Intel® Server System M20MYP?

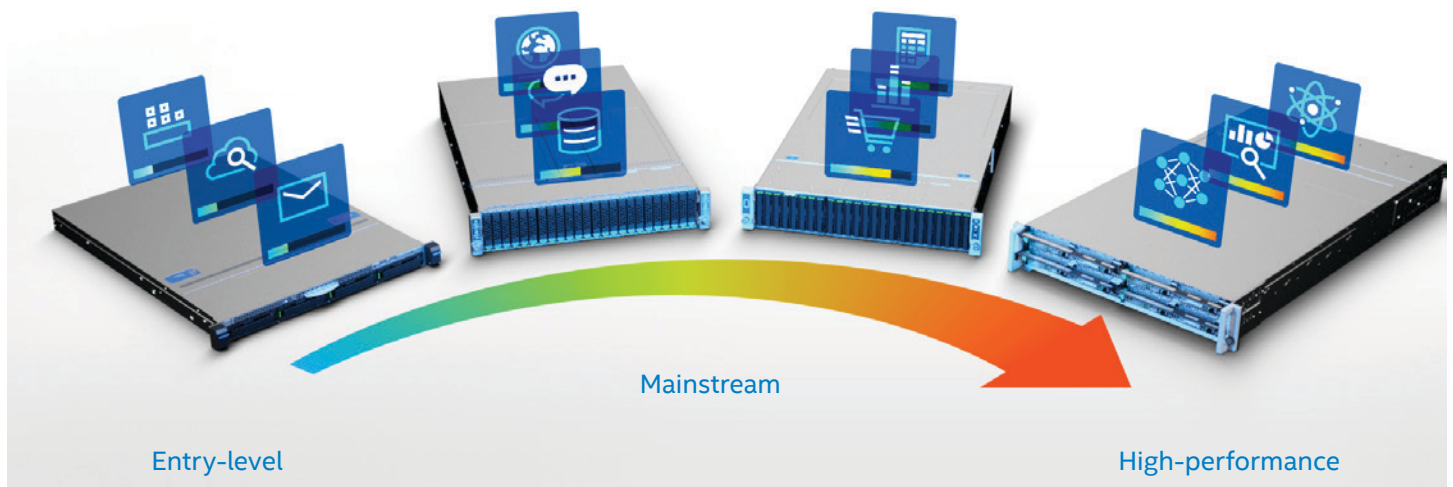
The Intel® Server System M20MYP is customizable based on needs. One key option that enables you to dial the right balance of performance and cost relates to processors. You can choose dual 2nd Gen Intel® Xeon® Scalable processors to provide more performance headroom. But if you're running workloads that have lighter, more predictable performance requirements, you can choose the Intel® Xeon® Gold processor U Series, a competitively-priced, single-processor option.

#### 7. Why does Intel offer a portfolio of server solutions?

Intel offers a variety of servers to handle all your data center and workload requirements. Combined, these servers can run everything from entry-level tasks to your most compute-intensive and data-centric workloads.

And all Intel® Server Systems provide consistent, enterprise-grade server management across platforms to simplify deployment, monitoring, updating and debugging.

The Intel® Server System M20MYP delivers cost-effective performance at the entry level. The Intel® Server System S2600WFR family provides flexible storage, memory and networking options for a variety of mainstream requirements. The Intel® Server System S2600BPR family delivers high-density processing and memory performance for more demanding workloads. And the Intel® Server System S9200WK family is purpose built for HPC and AI workloads—offering the best performance per watt of any Intel® Server System.



## 8. Why choose Intel® Server Systems?

Intel® Xeon® processors remain the industry leading processor for server and data center needs.



The servers also offer platform-wide, Intel innovation to maximize scalability and end-to-end performance. Built-in security enhancements can help better protect your data, applications and platforms. And you can take advantage of Intel's proven support and service, including a 3-year warranty and 24x7 global technical support.



Intel® Server Systems are also easy to deploy and operate, with comprehensive documentation for integration, configuration and management.



Finally, Intel® Server Systems benefit from Intel's vast ecosystem and partnerships with leading software developers and vendors. Intel's 15,000+ software engineers have optimized or helped to optimize leading software operating environments, virtualization and container frameworks, AI and analytics frameworks, and more to perform faster on Intel® technologies.



Intel® technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. No product or component can be absolutely secure. Check with your system manufacturer or retailer or learn more at [intel.com](https://www.intel.com).

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