



# HPE ProLiant Compute DL360 Gen12, powered by Intel Xeon 6

Modern data centers demand highly versatile and powerful servers that can fit into shrinking power and space envelopes. With its space-saving 1U form factor, the HPE ProLiant Compute DL360 Gen12 is ideal for organizations looking to maximize their computing power while minimizing their physical footprint. It is equipped with the latest Intel® Xeon® 6 processors with up to 144 cores per socket, memory capacity of up to 8 TB, and high-speed PCIe Gen5, providing exceptional performance and scalability to handle a wide range of workloads.

Built with a focus on reliability, security, and ease of management, the HPE ProLiant Compute DL360 Gen12 comes equipped with advanced features such as silicon root of trust technology to safeguard your critical data against cyberthreats. It offers a comprehensive suite of management tools, including HPE Compute Ops Management as well as HPE iLO 7, which provide remote management capabilities, enabling IT administrators to manage and troubleshoot the server from anywhere, reducing downtime and operational costs. Whether you are a small business looking to scale or a large enterprise managing complex data center workloads, the HPE ProLiant Compute DL360 Gen12 delivers unparalleled performance, flexibility, and resilience to support your business-critical applications and drive your IT initiatives forward.



## HPE ProLiant Compute

### Secured

Next-level security

### Optimized

More performance and efficiency

### Automated

AI-driven productivity

## Next-level performance, efficiency, and security



**Secured:** Like all HPE ProLiant Compute Gen12 servers, the HPE ProLiant Compute DL360 Gen12 delivers next-level security with built-in, industry-leading HPE iLO silicon root of trust, to safeguard every phase of the server lifecycle now and for the future—from manufacturing to end-of-life.



**Optimized:** Adopt and expand data-intensive workloads with a solution optimized for performance and efficiency, with a lower carbon footprint you demand. Harness unparalleled expansion capabilities to power diverse and demanding workloads with the economic, energy, and space savings of a single-socket 1U system. For example, with right-sized, accelerator-optimized compute that supports up to three single-wide GPUs, you can deploy AI at the edge for real-time, data-driven insights at the point of action.



**Automated:** Ensure smooth enterprise operations with proactive and predictive automation from data center to edge, leveraging a single management solution powered by AI-driven insights. Enable operators to react quicker and gain greater control, from forecasting energy costs to managing a global server footprint. Boost productivity of IT staff by quickly pinpointing problem areas through dashboards, intelligent alerts, and a global map view of all servers with status and activity.



# HPE ProLiant DL360 Gen12 specifications



<b>Form factor</b>	1U 2P
<b>Processors</b>	Up to: (2) Intel Xeon 6 processors
<b>GPU support</b>	Up to: (3) single-wide GPUs
<b>I/O slots</b>	Up to: (3) x16 PCIe Gen5 (rear) (2) x16 OCP slots (rear or front)
<b>Memory</b>	Up to: 8 TB of DDR5 up to 6400 MT/s
<b>Storage</b>	Up to 20x EDSFF, 10x SFF or 4x LFF drives
<b>Cooling</b>	Choice of: Air cooling with standard or performance heatsink and fan kit Closed-loop liquid cooling heatsink and fan bundle kit (FIO only) Direct liquid cooling and fan kit
<b>Management</b>	HPE iLO 7

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## Intel Xeon 6 processors

Intel Xeon 6 processors are designed to address market needs for diverse performance and efficiency requirements. These new processors are available with either efficiency cores (E-cores) or with performance cores (P-cores), allowing better optimization for user workloads while sharing a common platform foundation and shared software stack. Compute, general purpose, and intensive AI workloads can benefit from the P-Core processors, which are optimized for high performance. High-core density and scale-out workloads benefit from the E-Core processors, optimized for performance-per-watt.

### Intel Xeon 6 processor specs

	<b>Intel Xeon 6700-Series Processors with E-Cores</b>	<b>Intel Xeon 6700-Series Processors with P-Cores</b>	<b>Intel Xeon 6500-Series Processors with P-Cores</b>
Ideal workloads	Highest performance-per-watt with enhanced core density for cloud native and hyperscale workloads	Enhanced performance, ideal for a wide array of data center and telco environments	Essential performance, ideal for mainstream server and edge environments
Total cores	Up to 144	Up to 86	Up to 32
Max turbo frequency	Up to 3.2 GHz	Up to 4.3 GHz	Up to 5.1 GHz
Base frequency	Up to 2.4 GHz	Up to 4.0 GHz	Up to 3.5 GHz
Cache	Up to 108 MB	Up to 336 MB	Up to 144 MB
TDP	205W–330W	195W–350W	150W–225W



## New generation HPE iLO 7

HPE ProLiant Compute Gen12 servers come equipped with HPE iLO 7, enabling you to securely manage and update the server. HPE iLO 7 has been enhanced for increased usability with an improved UI featuring workflow-based organization of functions, feature search capability, and simplified dashboards with real-time actionable data. Built atop the HPE iLO silicon root of trust, HPE iLO 7 features an additional layer of protection with secure enclave, an embedded security processor within the HPE iLO ASIC, ensuring a highly controlled, tamper-resistant environment and eliminating vulnerabilities associated with external EEPROM storage.

## Reduce cost and complexity of virtualized workloads

HPE ProLiant Compute Gen12 combined with HPE VM Essentials, delivers a compelling solution for organizations working to simplify management of their virtual environments. With HPE VM Essentials, customers can manage existing virtualized workloads, re-platform to the HPE VME hypervisor, and experience a simple VM-vending experience across both stacks. [Get started now](#) with a free 60-day trial.

## HPE Services

HPE Services experts can help you plan, operate, and beyond, so you can adopt AI, accelerate edge-to-cloud transformation, optimize operations, and maximize IT investments.



## Take the next step toward your data-driven future

The next-gen benefits of the new HPE ProLiant Compute DL360 Gen12, powered by Intel Xeon 6 processors, are within reach. Contact your authorized HPE representative to learn more today.

## Learn more at

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