

HPE ProLiant MicroServer Gen11

HPE ProLiant MicroServer Gen11 6315P 2.8GHz 4c 1P 1x16GB-U 4LFF-NHP 1x180W PS NA Server (P86811-005)



What's new

- The latest Intel® Xeon® 6300 Series, Intel® Xeon® E-2400 and Intel® Pentium® Gold Processors.
- Four 4400 MT/s HPE DDR5 UDIMMs, offering 16, 32 GB. Up to 128 GB memory capacity support.
- Two PCIe expansion slots with the new PCIe 5.0 support.
- Fast OS Boot with the M.2 slot (optional slot available on the optional dedicated HPE iLO/M.2/serial port kit).
- Optional Serial Port (via the dedicated

Overview

Are you looking for a budget friendly server that can fit almost anywhere?

The HPE ProLiant MicroServer Gen11 delivers an affordable, compact yet powerful entry server that you can customize for on-premises or for hybrid cloud possibilities while still meeting the enterprise-class performance, security, reliability, and expandability standards of the rest of the HPE ProLiant enterprise class server portfolio.

With a mini tower design, place it flat or vertically or wall mounted, depending on customer environment. The latest Intel® Xeon® 6300 Series, Intel® Xeon® E and Intel® Pentium® Processors supported to deliver compute performance, increased memory capacity, as well as security and remote management into the server with HPE iLO silicon root of trust. The affordable starting price makes the HPE ProLiant MicroServer Gen11 a good value that

HPE iLO/M.2/serial port option kit).

- Support for HPE iLO6. HPE iLO remote server management support is now standard without the need of the additional module or activation key.

has the networking and performance capacity to grow with your business as your needs and budget change over time.

Features

Proven, yet Reimagined for the Data-Driven Edge

HPE ProLiant MicroServer Gen11 is a powerful yet affordable server for your daily business workloads.

With four 4400 MT/s HPE DDR5 UDIMMs, it offers 16, 32 GB. and up to 128 GB memory capacity support.

Two PCIe expansion slots with the PCIe 5.0 support provide reliable scalability.

Optional wall mount kit provides deployment flexibility.

Small, Quiet and Uniquely Designed Servers Bring the User Experience to a New Level

HPE ProLiant MicroServer Gen11 features fast setup with a unique form factor that is compact and ideal for small spaces.

Embrace remote server management with HPE iLO 6.

Mini in Size yet still Powerful and Secure

HPE ProLiant MicroServer Gen11 features iLO Silicon root of trust with server management to provide enhanced security, proven reliability and superb usability.

The latest Intel® Xeon® 6300 Series, Intel® Xeon® E-2400 and Intel® Pentium® Gold Processors provide impressive performance.

Offer enterprise-grade security with TPM 2.0 embedded.

Technical specifications	HPE ProLiant MicroServer Gen11 6315P 2.8GHz 4c 1P 1x16GB-U 4LFF-NHP 1x180W PS NA Server
Product Number	P86811-005
Processor core available	4 core
Processor cache	12 MB L3
Processor name	Intel® Xeon® 6315P (4 core, 2.80 GHz, 12 MB L3, 55W)
Processor number	1 processor included
Processor speed	2.80 GHz
Memory type	HPE DDR5 Standard Memory
Included drives	None ship standard, 4 LFF-NHP supported
Optical drive type	Optional ODD Bay Kit, none included
Security	TPM 2.0 embedded
Infrastructure management	HPE iLO 6
Power supply type	180W Slim Type External Power Supply
Expansion slots	2 PCIe slots, for detailed descriptions reference the QuickSpecs
Network controller	Embedded 1GbE 4-port
Storage controller	Embedded Intel® VROC SATA for HPE ProLiant Gen11
System fan features	1x Standard Fan
Form factor	Ultra Micro Tower
Warranty	Server warranty includes 1-year parts, 1-year labor, and 1-year on-site support with next business day response. Warranty repairs may be accomplished using Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part, 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. 3) A trained, authorized service engineer must service non-CSR parts. For more information, visit https://www.hpe.com/support.

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

[Advisory & Professional services](#)

Experts can help you map out your path to hybrid cloud and optimize your operations.

[Managed services](#)

HPE runs your IT operations, giving you unified control, so can focus on innovation.

[Support services](#)

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

[Lifecycle Services](#)

Address your specific IT deployment project needs with tailored project management and deployment services.

[HPE Education Services](#)

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please [explore them here](#).

For additional technical information,
available models and options, please
reference the QuickSpecs

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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PSN1014914563WWEN, November, 2025.

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