

HPE ProLiant MicroServer Gen10 Plus v2 G6405 2-core 16GB-U VROC 4LFF-NHP 180W External PS Server (P54644-001)



What's new

- Compute: Intel® Xeon® E-2314 Processor and Intel® Pentium® G6405 Processor.
- Memory: ECC, UDIMM DDR4, and 3200 MT/s (64 GB maximum).
- PCIe expansion: PCIe Gen4.
- Storage controller: Intel VROC SATA software RAID.

Overview

Are you a small office, home office, or small business with branch offices looking to build a customized solution for your office?

The HPE ProLiant MicroServer Gen10 Plus v2 server delivers an affordable compact yet powerful entry-level server that you can customize for on-premises or for hybrid cloud possibilities. It has the same compact form factor as the previous version and can be placed flat or vertically depending on your space. Intel® Xeon® E Processor and Intel® Pentium® Gold Processor Series build compute performance as well as security and remote management into the server with HPE iLO Silicon Root of Trust from HPE iLO. Along with other enhancements such

as 4 x 1GbE onboard NICs and USB 3.2 Type-A Gen2, there is nothing micro about the HPE ProLiant MicroServer Gen10 Plus v2 server.

Features

More Micro and Versatile, Yet More Powerful

The HPE ProLiant MicroServer Gen10 Plus v2 server measures 4.68 in (11.89 cm) and can be placed either horizontally or vertically to fit different customer workspaces.

Powered by up to four cores in the Intel® Xeon® E Processor and up to 64 GB of 3200 MT/s DDR4 ECC UDIMM, it delivers better performance for small business applications.

HPE iLO 5 standard and essential functionality (optional), remote monitoring, restore, and maintenance are now available. [1] It is supported by installing an optional iLO Enablement kit, which includes an HPE iLO dedicated port. HPE OneView is supported.

Four embedded network ports provide the networking needs of small business customers. Optional 1GbE and 10GbE BASE-T and SFP+ standup option cards are supported for those who require more.

Security Innovations

The HPE ProLiant MicroServer Gen10 Plus server v2 server is one of our industry-standard servers with major firmware anchored directly into the silicon security protection built-in across the server lifecycle, starting with Silicon Root of Trust.

Secure Recovery allows server firmware to roll back to the last, known-good state or factory settings after detection of compromised code.

Additional security options are available with Trusted Platform Module (TPM) to prevent unauthorized access to the server and reliably store artifacts used to authenticate the server.

Industry-Leading Services and Ease of Deployment

The HPE ProLiant MicroServer Gen10 Plus v2 server comes with an available complete set of services from HPE Services, delivering confidence, reducing risk, and helping you realize agility and stability.

HPE Services simplifies all stages of the IT journey. Advisory and Professional Services understand customer challenges and design an enhanced solution. Professional Services enables rapid deployment of solutions and Operational Services provides ongoing support.

Services provided under Operational Services include: HPE GreenLake Flex Capacity, HPE Datacenter Care, HPE Infrastructure Automation, HPE Campus Care, HPE Proactive Services, and multi-vendor coverage.

HPE IT investment solutions help you transform into a digital business with IT economics that aligns with your business goals.

Make server deployment easy with custom RAID and setup with HPE Intelligent Provisioning and auto-intelligent RAID with HPE Rapid Setup.



Technical specifications

HPE ProLiant MicroServer Gen10 Plus v2 G6405 2-core 16GB-U VROC 4LFF-NHP 180W External PS Server

Product Number	P54644-001
Processor name	Intel® Pentium® Gold G6405 (2 core, 4.10 GHz, 4 MB Intel® Smart Cache, 58W)
Processor number	1 processor included
Processor core available	2 core
Processor cache	4 MB Intel® Smart Cache
Processor speed	4.1 GHz
Power supply type	1x 180W External Power Adapter
Expansion slots	1 standard (Low Profile) PCIe 4.0, for detailed descriptions refer to the QuickSpecs
Memory, standard	16 GB (1x 16 GB) UDIMM
Persistent memory type	N/A
Persistent memory media capacity	N/A
Memory type	HPE DDR4 Standard Memory
Included hard drives	None included, four LFF non-hot plug drives supported
Optical drive type	NA
System fan features	##Blank##
Network controller	Embedded 1Gb 4-Port Intel i350-AM4 Controller
Storage controller	Embedded Intel VROC SATA SW RAID
Product dimensions	11.89 cm x 24.5 cm x 24.5 cm
DIMM capacity	16 GB UDIMM
Weight	4.23 kg
Warranty	<p>Server Warranty includes 1-Year Parts, 1-Year Labor, and 1-Year Onsite 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. Additional information regarding worldwide limited warranty and technical support is available at: https://support.hpe.com/hpsc/public/docDisplay?docLocale=en_US&docid=sd00001734en_us&page=GUID-F2B75FD1-BAB0-4E35-BD4A-D3C0A3386D25.html. NOTE: Warranty does not cover support for ClearOS. ClearCenter provides support for ClearOS.</p>

HPE iLO 5 standard and essential remote management features are supported when the HPE ProLiant MicroServer Gen10 Plus v2 server and HPE iLO Enablement kit are installed.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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.

Consulting 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.

Operational 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.

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.

The [Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

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](#).

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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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