

30 years of server innovation and leadership



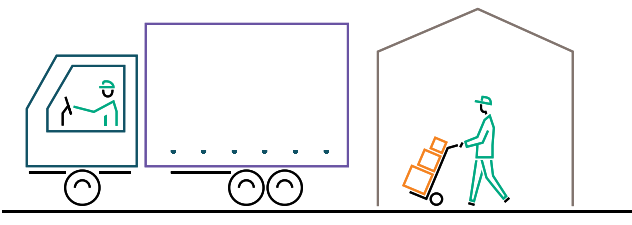
HPE ProLiant

Continuing journey of HPE ProLiant innovation

1993

Debuted the first generation of HPE ProLiant rack-mount servers

2003



Shipped the first four-processor HPE ProLiant server blades

2012

HPE ProLiant Gen8 named the industry's most self-sufficient line of servers

2017

HPE designated as the first vendor to build silicon-based security into its industry-standard servers

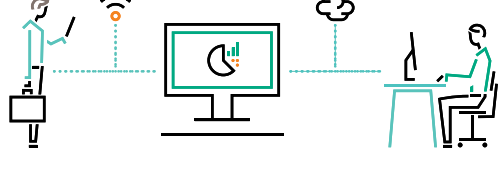


2022

Announced HPE ProLiant RL300 Gen11—the first Ampere-based HPE server for cloud-native workload

Launched HPE ProLiant Gen11 servers—compute engineered for today's hybrid world—featuring:

- An intuitive cloud operating experience
- Trusted security by design
- Optimized performance for all your workloads



2023

30 years of continued innovation with HPE ProLiant servers

Through the years, HPE ProLiant innovation has expanded to:

- Support more industry segments—from SMB to large enterprises to service providers
- Handle a growing number of targeted workloads—including AI/ML, data analytics, cloud-native applications, and VDI
- Resolve new business challenges as they emerge—such as modernization, hybrid environments, and moving to “digital first”
- Leverage HPE GreenLake offerings around cloud compute and server lifecycle management
- Deliver the compute requirements you need to thrive in today's hybrid world

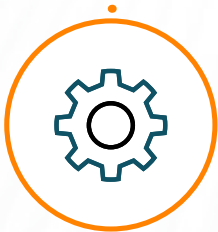
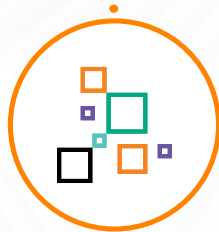
Compute that is closer to where data is created and lives

Infrastructure that is simple to manage and operate

Built-in security from the silicon to the edge

Ability to scale workloads quickly, efficiently, and with optimal performance

Cost-effective options to meet evolving business objectives



Expanding HPE ProLiant's history of innovation



1st generation designed for enterprises



Each new generation included support for more industry segments



New HPE ProLiant Gen11 models handle the needs of service providers, small businesses, midsize organizations, and the largest enterprises

HPE ProLiant Gen11—driving real-world outcomes...

50%

more cores<sup>1</sup>

2x

the I/O bandwidth<sup>2</sup>

125%

more memory bandwidth<sup>3</sup>

...and reaching all-new world records

#1

Six world records for tower energy efficiency<sup>4</sup>

#1

Setting the world record for 448 total cores on VMware® VMmark<sup>5</sup>

#1

World record for video rendering (CPU-based) 1P & 2P



Transforming with HPE GreenLake edge-to-cloud platform

One aspect of HPE ProLiant servers' evolution is its tie into HPE GreenLake. HPE ProLiant-based compute infrastructure is available on a consumption pay-per-use basis via HPE GreenLake, where you can choose from a range of workload- and cost-optimized configurations installed on your premises. Using HPE GreenLake for Compute Ops Management, you can manage your compute no matter where it is located—at the edge, in colocations, or in data centers—all from a single screen.

To learn more about 30 years of HPE ProLiant server innovation and leadership, read our anniversary brochure.

Learn more



Make the right purchase decision. Contact our presales specialists.



Chat now (sales)



Call now



Get updates

<sup>1</sup> 96 cores vs. 64 cores in AMD 3rd Generation EPYC processors; 60 cores vs. 40 cores in 3rd Gen Intel® Scalable processors

<sup>2</sup> Compared to AMD 3rd Generation EPYC processors and 3rd Gen Intel Scalable processors

<sup>3</sup> Compared to AMD 3rd Generation EPYC processors and 3rd Gen Intel Scalable processors

<sup>4</sup> SPECpower\_ssj® 2008 results. SPEC and the name SPECpower\_ssj are registered trademarks of the Standard Performance Evaluation Corporation (SPEC). The stated results are published as of 1-10-23; see [spec.org](https://www.spec.org). All rights reserved.

<sup>5</sup> The competitive benchmark claims are based on HPE ProLiant DL380 Gen11 having the highest result for 448 total cores on the VMmark 3.1.1 benchmark, with a score of 40.83 @ 42 tiles. See <https://www.vmware.com/products/vmmark/results3x.html>. See HPE ProLiant DL380 Gen11 FDR for the Full Disclosure Report. All results valid as of January 10, 2023. VMmark® is a product of VMware, Inc.

<sup>6</sup> Compared to HPE ProLiant DL380 Gen10 on the SPEC CPU® 2017 benchmark. SPEC and the name SPEC CPU are registered trademarks of the Standard Performance Evaluation Corporation (SPEC). The stated results are published as of 01-10-2023; see [spec.org](https://www.spec.org).

<sup>7</sup> Compared to HPE ProLiant DL380 Gen10 on the SPEC CPU® 2017 benchmark. SPEC and the name SPEC CPU are registered trademarks of the Standard Performance Evaluation Corporation (SPEC). The stated results are published as of 01-10-2023; see [spec.org](https://www.spec.org).

<sup>8</sup> Two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark. HPE ProLiant DL380 Gen11: Certification # 2023004. Intel® Xeon® B490H 60-core @ 1900MHz; 2 processors/120 cores/240 threads; 1 TB memory; Windows Server 2019; Microsoft SQL Server 2019; SAP enhancement package 5 for SAP ERP 6.0. Results: 64,576 SAP SD benchmark users; 352,725 SAPS. All results valid as of January 10, 2023.