

AMD EPYC™ SERIES PROCESSORS

MODERNIZING DATA CENTERS: Unleashing High-Performance Compute for Your Hybrid Environment

Discover Why AMD and HPE Stand Out as the Ultimate
Choice for Data Center Transformation

5 Key Reasons:

1



Unparalleled performance

Experience exceptional performance with HPE ProLiant Gen11 servers, featuring the latest AMD EPYC™ processors, HPE and AMD servers provide the power needed for your most demanding workloads. Built on decades of experience, our joint solutions deliver exceptional performance for the most demanding compute needs in a broad range of vertical markets.

2



Threat protections across infrastructure, workloads, and data

Safeguard critical information with HPE Silicon Root of Trust, combined with AMD Infinity Guard¹ technology, to provide a modern set of security features that help reduce the risk of potential attacks as software is booted, executed, and processes critical data.

3



Helping lower energy costs and reduce related carbon footprint

Presenting a new generation of intelligently designed servers from HPE powered by AMD, inviting you to rethink sustainability as a full lifecycle strategy. Research says that investing in sustainability could increase profitability by 98%², help reduce costs, and may improve operating profits by up to 60%³.

4



Raising the bar for workload performance

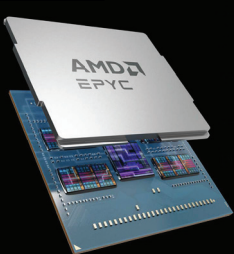
Power your most demanding workloads with HPE and AMD – get the infrastructure you require from edge to cloud with partnerships across human-computer interaction, virtual desktop infrastructure (VDI), data analytics, and high-performance computing.

5



Solutions for any size, any need

From SMB, to enterprise, to Exascale supercomputing, trust the world's highest performance x86 processor⁴ and the leading global edge-to-cloud server company to deliver the performance you need⁵ – HPE systems with the latest AMD EPYC™ CPUs and AMD Instinct™ accelerators ramp up data performance to handle your large scientific, engineering, and AI workloads.



Find the perfect balance of performance and efficiency for your data center with HPE ProLiant Gen11 servers powered by AMD EPYC™ processors. Explore how AMD and HPE can help modernize your IT infrastructure.

[LEARN MORE](#)

1. AMD Infinity Guard features vary by AMD EPYC™ Processor generations. Infinity Guard security features must be enabled by server OEMs and/or Cloud Service Providers to operate. Check with your OEM or provider to confirm support for these features. Learn more about Infinity Guard at https://www.amd.com/en/technologies/infinity-guard_GD-183

2. Innovating for a Sustainable Future, NTT 2022

3. How Companies Capture the Value of Sustainability: Survey Findings, McKinsey 2021

4. SPECrate®2017_int_base comparison based on performing system published scores from www.spec.org as of 6/13/2013. 2P AMD EPYC 9754 scores 1950 SPECrate®2017_int_base <http://www.spec.org/cpu2017/results/res2023q2/cpu2017-20230522-36617.html> is higher than all other 2P servers. 1P AMD EPYC 9754 scores 981 SPECrate®2017_int_base score (981.4 score/socket) <http://www.spec.org/cpu2017/results/res2023q2/cpu2017-20230522-36613.html> is higher per socket than all other servers. SPEC®, SPEC CPU®, and SPECrate® are registered trademarks of the Standard Performance Evaluation Corporation. See www.spec.org for more information. SP5-143A

5. [About Hewlett Packard Enterprise: Information and Strategic Vision | HPE](#)