

**Hewlett Packard
Enterprise**

HPE ProLiant Gen11

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Accelerate data-first modernization.

HPE ProLiant

is compute engineered for **your** hybrid world



Intuitive

cloud operating experience

Trusted

security by design

Optimized

performance for your workloads



Technology



More performance

**LATEST
INTEL & AMD**

CPU



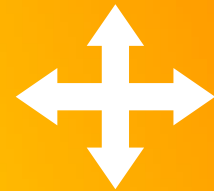
**FASTEST
MEMORY**

DDR5



**HIGH
BANDWIDTH**

PCI 5.0



Höhere Speicherdichte

durch neuen modularen Disk-Formfaktor, der eine höhere Dichte von NVMe unterstützt

- 1U server bis zu 20 E3.S
- 2U server bis zu 36 E3.S
- Synergy bis zu 8 E3.S (1T) drives.

Vorteile:

- Unterstützt PCIe Gen5 → 2X Read/Write Performance
- Verbessert die Luftzirkulation im Server

Maximum GT/s		
Lanes	Gen4	Gen5
x1	16G	32G
x2	32G	64G
x4	64G	128G



E3.S 2T (E3S2T)

E3.S 1T (E3S1T)

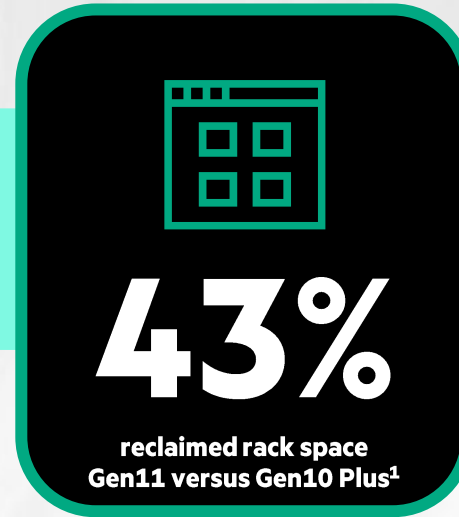
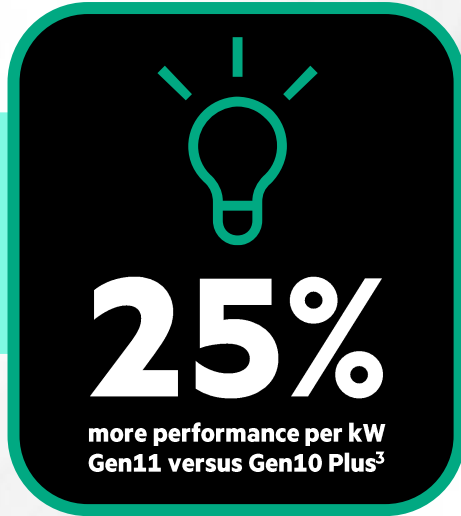
E3.S 1T (E3S1T)

Neuer Formfaktor

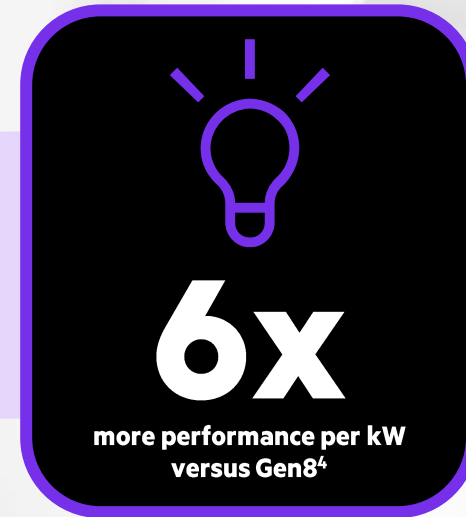
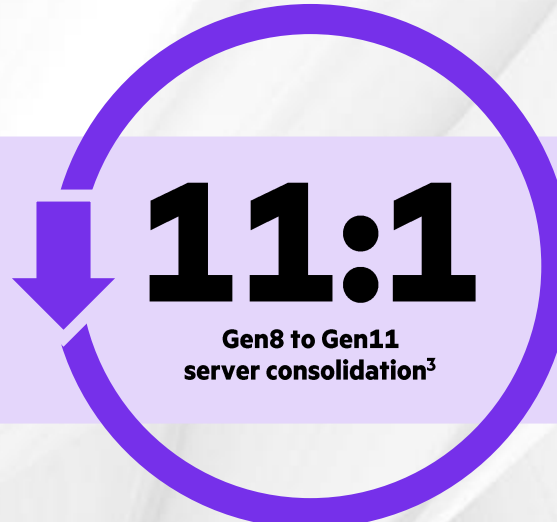
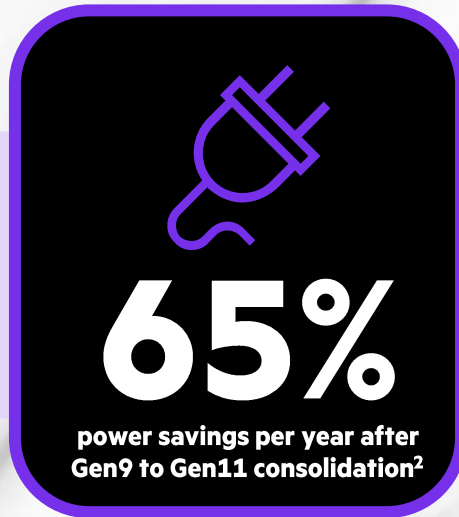
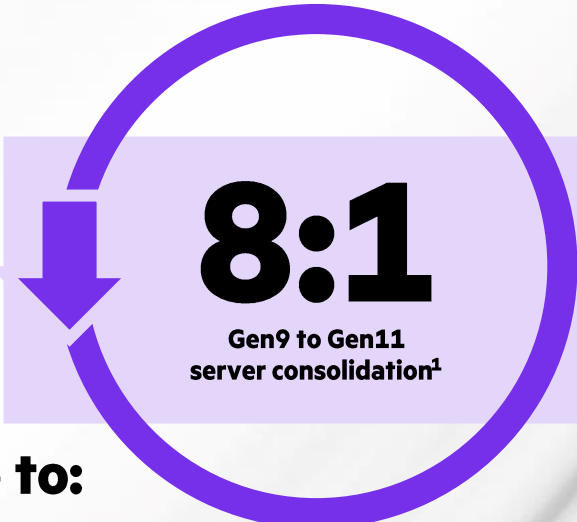
EDSFF

für mehr Performance und Speicherdichte

Accelerate workload performance with HPE ProLiant Gen11



Up to:



Up to:

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1. SPECpower_ssj 2008 (same performance envelope): #1169 and 1185
2. SPECrate2017_int_base: #20893, 36218, 37007, 37004 and pricing on April / June 2023.
3. SPECpower_ssj 2008 (at 100% utilization): #1169 and 1185

HPE ProLiant Gen11 Servers for everywhere your apps and data live

Tower optimized

Tower, 1P

HPE ProLiant ML110 Gen11

4th Gen Intel® Xeon® Scalable Processor



4U, 2P

HPE ProLiant ML350 Gen11

4th Gen Intel® Xeon® Scalable Processor



Edge optimized

1U, 1P

HPE ProLiant DL320 Gen11

4th Gen Intel® Xeon® Scalable Processor



1U, 1P

HPE ProLiant DL325 Gen11

4th Gen AMD EPYC™ Processor



Storage optimized

2U, 1P

HPE ProLiant DL345 Gen11

4th Gen AMD EPYC™ Processor



Density optimized

1U, 2P

HPE ProLiant DL360 Gen11

4th Gen Intel® Xeon® Scalable Processor



1U, 2P

HPE ProLiant DL365 Gen11

4th Gen AMD EPYC™ Processor



2U, 2P

HPE ProLiant DL380 Gen11

4th Gen Intel® Xeon® Scalable Processor



Accelerator optimized

2U, 2P

HPE ProLiant DL380a Gen11

4th Gen Intel Xeon Scalable processor



2U, 2P

HPE ProLiant DL385 Gen11

4th Gen AMD EPYC™ Processor



Big Data optimized

2U, 4P

HPE ProLiant DL560 Gen11

4th Gen Intel® Xeon® Scalable Processor



Blade optimized

Blade, 2P

HPE Synergy 480 Gen11

4th Gen Intel® Xeon® Scalable Processor



Cloud optimized

1U, 1P

HPE ProLiant RL300 Gen11

Ampere® Altra® and Ampere® Altra® Max



Broad workload ecosystem

Private and Hybrid Cloud

VMware vSphere,
Microsoft Azure Stack HCI

Containers

HPE Ezmeral,
Red Hat, SUSE

AI/ML and Data

Microsoft, Oracle, MongoDB,
Cassandra, TigerGraph

VDI

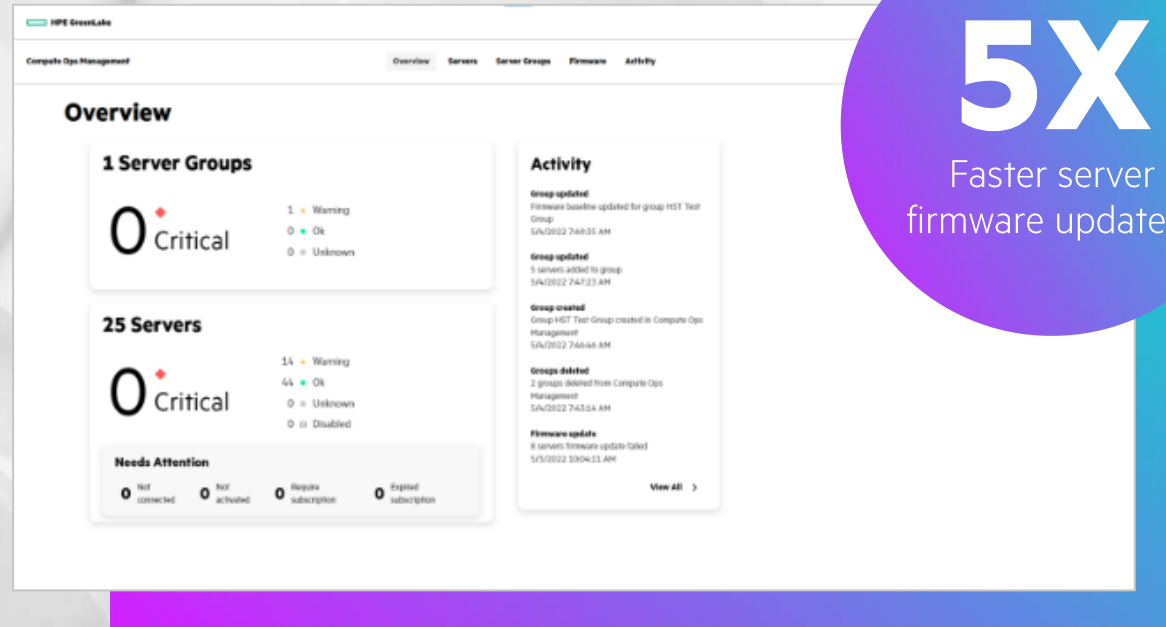
Citrix VAD, HP Anyware,
VMware Horizon

Compute Management



Simple

Modernize lifecycle management with cloud simplicity

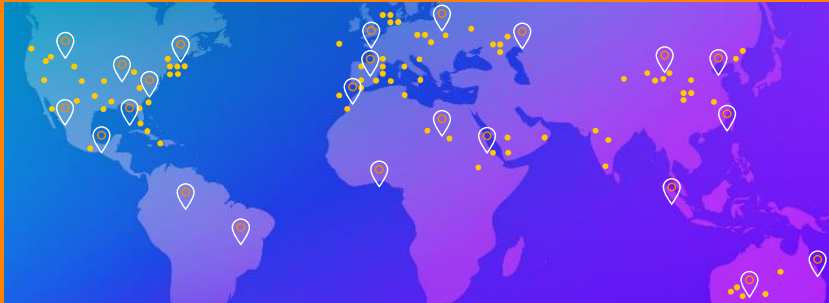


- Easily onboard 1000s of distributed devices.
- Monitor and manage global server environments from a single console with enterprise security and consistent, compliant processes.
- Simplify server lifecycle management with HPE GreenLake for Compute Ops Management.



HPE GREENLAKE COMPUTE OPS MANAGER

WW deployed / FW updates



Automatic Case handling

1 Power supply issue

♦ **The fault tolerant power supply in bay location 1 has failed.**
The fault tolerant power supply in the specified bay location has failed.
Recommendation: Replace the failed power supply.
4/12/2023 10:31:55 AM

ⓘ Automatic HPE support case creation is in progress. Visit Activity page for details.

OS Image Deployment

Step 2 of 2

Operating system image configuration

[Learn about operating system image configuration](#)

Operating system*
Select the operating system

Select an operating system

VMware ESXI
Microsoft Windows

OS Image configuration

Details

Media URL

- Enter the full URL location of the ISO file for the OS image
- URLs in HTTP and HTTPS formats are

CO2 Footprint

< Reports

Carbon Footprint Report

Aggregate by

Server

Server

Model

Generation

Processor vendor

server - All servers

463 kgCO2e

Carbon Footprint Report (All Servers)

31 kgCO2e

Line graph showing carbon footprint over time. The y-axis is labeled 'kgCO2e' and ranges from 0 to 34. The x-axis shows dates from 4/12 to 4/15. The graph shows a fluctuating line with a peak around 4/13. A green box labeled 'Download Report' is in the top right corner.

Server Name	Carbon Footprint	Details
0001077120046	6.8 kgCO2e	Server not connected
0001076663499	6.8 kgCO2e	Server not connected

CO₂ Report

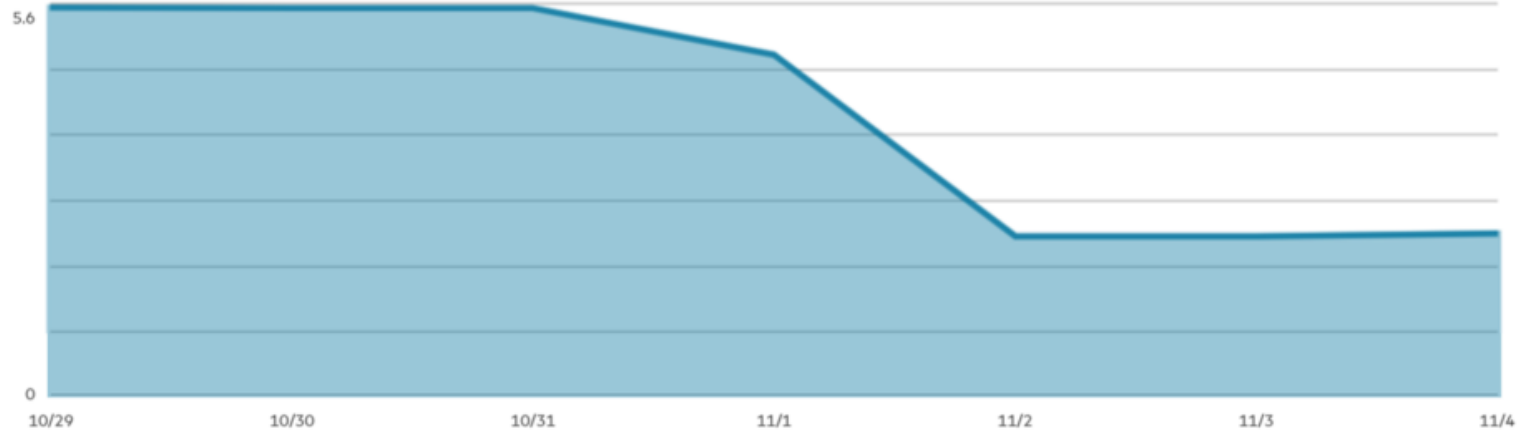
< Reports

Carbon Footprint Report (All Servers)

10/28/2022 - 11/4/2022

Download report

28 kgCO₂e



Carbon Emissions (kgCO₂e)

Server name	Carbon Emissions	Details
suse15	7 kgCO ₂ e	Calculated carbon emissions
suo04ctcesx8-32.	9.1 kgCO ₂ e	Calculated carbon emissions

- Power usage per server translated in CO₂ production
- Reducing power usage per server with optimized settings
- Power usage per VM with vSphere Green Metrics for further workload granularity

HPE Compute Management portfolio

Optimized server management solutions to address a variety of customer requirements

HPE OneView

On premises

Infrastructure management software that provides composable solutions across compute, storage, and networking

or

HPE GreenLake for Compute Ops Management

SaaS

Lifecycle management for all servers, from edge to cloud, delivered as a secure SaaS application continuously managed and improved by HPE

HPE iLO

Advanced

server management that enables customers to securely configure, monitor and update single HPE servers



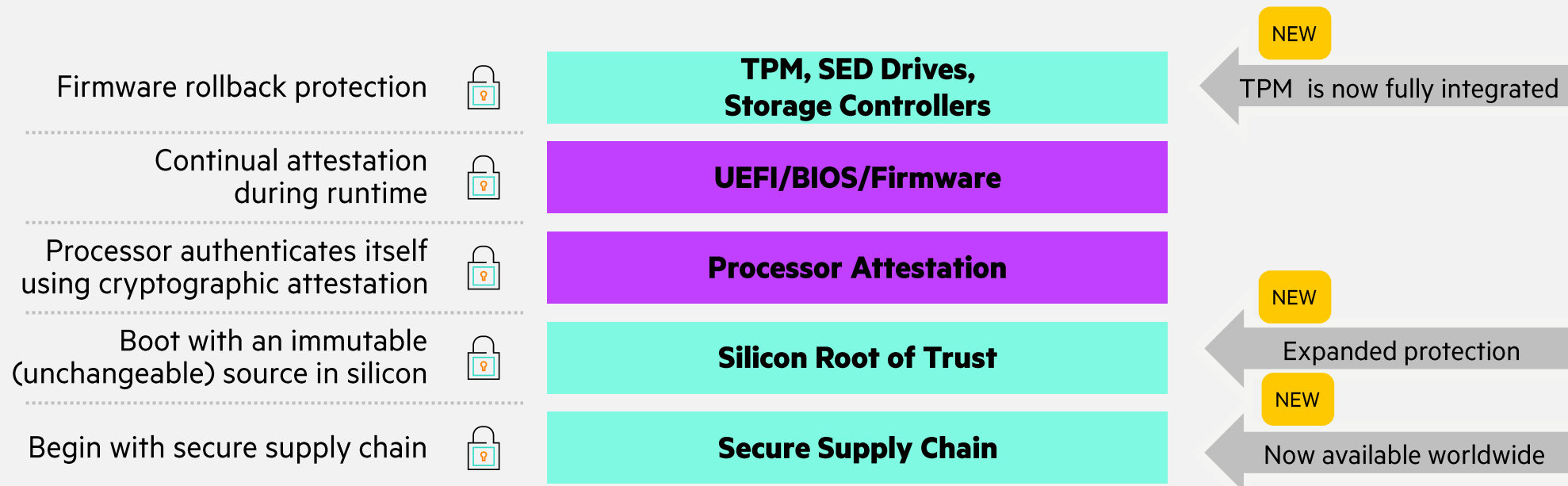
Security



Industry-leading security innovation

HPE Silicon Root of Trust protects **4 million lines** of firmware and secures over **2 million HPE servers** around the world

Continuing to advance server security



Vielen Dank

