



NVIDIA QUADRO RTX 6000 GRAPHICS ACCELERATOR FOR HPE (R0Z45C)

**Computational and Graphics Accelerators
for Servers**



WHAT'S NEW

- NVIDIA Tesla V100S PCIe 32GB Module for HPE

OVERVIEW

Do you require higher performance computation for deep learning, high-performance computing (HPC) workloads, or graphics?

Companies are facing greater computational and graphics requirements as large and complex computational models become more commonplace. Traditional CPU technology is no

longer able to keep up with these increasing demands. NVIDIA® Accelerators for HPE ProLiant servers seamlessly integrate GPU computing with select HPE server families. Designed for power-efficient, high-performance supercomputing, NVIDIA Accelerators deliver dramatically higher application acceleration than a CPU-only approach for a range of deep learning, scientific, and commercial applications. The thousands of NVIDIA CUDA® cores of each accelerator allow it to divide large computing or graphics tasks into thousands of smaller tasks that can be run concurrently, thus enabling much faster simulations and improved graphics fidelity for extremely demanding 3D models.

FEATURES

Increased Performance to Solve Problems Faster

The NVIDIA accelerators for HPE ProLiant servers improve computational performance, dramatically reducing the completion time for parallel tasks, offering quicker time to solutions.

Co-locating the NVIDIA Quadro® or NVIDIA GRID GPUs with computational servers, large data sets can be shared, dramatically improving display refresh rates.

These GPUs are specifically designed to enable rich graphics in virtualized environments. Hewlett Packard Enterprise can satisfy NVIDIA GRID software via HPE Complete.

NVIDIA accelerators can be configured and monitored by HPE Insight Cluster Management Utility (CMU). HPE Insight CMU monitors and displays GPU health and temperature, as well as installs and provisions the GPU drivers and CUDA software.



Technical specifications**NVIDIA Quadro RTX 6000 Graphics Accelerator for HPE**

Product Number (SKU)	R0Z45C
Peak Single Precision Performance	16.3 TFlops
Number of accelerators per card	1
Cores	4608
Memory size per board	24 GB GDDR6
Memory bandwidth for board	672 GB/s
Architecture features	Real-time ray tracing accelerated by up to 25X that of the previous P6000. Features tensor cores that accelerate DL training and inferencing. Faster simulation and rasterization with Turing streaming multiprocessor.
System	Compatible with HPE ProLiant DL380 Gen10 server
Minimum dimensions (H x W x D)	3.48 x 26.7 x 11.1 cm
Weight	1.41 kg
Warranty	For details on HPE Qualified Options Limited Warranty visit: 1-year parts, 1-year labor, and 1-year on-site support coverage. For more warranty information refer to http://h20564.www2.hpe.com/hpsc/wc/public/home



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

HPE POINTNEXT

Access expertise at every step of your IT journey with [HPE Pointnext Services](#). [Advisory Services](#) focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) help speed up time-to-production and keep your IT stable and reliable.

Operational Services from HPE Pointnext Services

- [HPE Datacenter Care](#) helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- [HPE Proactive Care](#) offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- [HPE Foundation Care](#) helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more.](#)

Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[HPE Education Services](#) provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

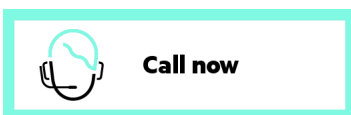
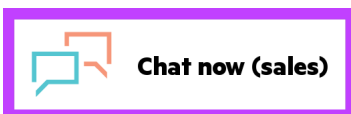
HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT 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. HPE GreenLake delivers public cloud services and infrastructure for workloads 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](#).

Make the right purchase decision.
Contact our presales specialists.

[Chat online](#)




**Hewlett Packard
Enterprise**

© Copyright 2020 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

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.

NVIDIA is a trademark and/or registered trademark of NVIDIA Corporation in the U.S. and other countries. All other third-party trademark(s) is/are property of their respective owner(s).

Image may differ from the actual product
[PSN1012180668UKEN](#), July 17, 2020.