

NVIDIA TESLA P6 MULTI MXM GRAPHICS ACCELERATOR FOR HPE SYNERGY 480 (880709-B21)

Synergy Graphics Accelerators



WHAT'S NEW

- Supports up to 9 NVIDIA low-profile T4
 GPUs, support for up to 4 NVIDIA A10
 GPUs, and 2 NVIDIA A40 GPUs at release
 with more cards to come as they are
 available.
- The Expansion Modules support the installation of the HPE Synergy D3940
 Storage Module along with new controller options which will be available soon.
- Support for new Intel® processors.
- The HPE Synergy Graphics Expansion
 Modules are enhanced with PCle Gen4
 capability, which provides double
 bandwidth and double the speed from its
 predecessor, thus unlocking superior

OVERVIEW

Do you need to increase the performance and security for 3D product design, geophysical visualization, and VDI deployments? The new HPE Synergy 480 Gen10 Plus Graphics Accelerators deliver data center deployments of graphics workstations to improve the user experience for designers and geophysicists with 3D visualization requirements. HPE Synergy Graphics Accelerator Options are paired with the HPE Synergy 480 Compute Module to provide a wide variety of deployment options, operating environments, and remote access methods. The HPE Synergy 480 Gen10 Plus Graphics Accelerator Options deliver data center deployments of GPU-enabled servers optimized for high-density graphics accelerated and compute deployments such as graphics accelerated VDI (virtual Workstation), virtual applications, and AI inferencing.

Data sheet Page 2

performance.

- Support for up to 9 PCIe NVIDIA T4 GPUs to power demanding workloads by adding 8 GPUs in the 8-slot Expansion and 1 GPU in the front drive cage of the HPE Synergy 480 Gen10 Plus Compute Module.
- Added flexibility to upgrade or add GPUs on the client side after factory integration.

FEATURES

Deploy 3D Graphical Workstations and High-user Density VDI Applications on One Platform

The HPE Synergy 480 Gen10 Plus Graphics Accelerators provide a costeffective and secure

platform for demanding graphics applications such as, $\,$ 3D CAD, CAE and geophysical analysis.

Virtual Client Compute workstation and desktop applications such as Microsoft Office 365®, Skype® for Business and Google Earth™ are delivered as if they were on a high-end personal computer. Multiple monitors at 4K resolution add to the enhanced experience.

By leaving the data in the data center, the risk of losing intellectual property and data is greatly reduced by sending only the image to the client, not the data.

Flexible Deployment Options for Dedicated or Virtualized Environments

HPE Synergy 480 Gen10 Plus Graphics Accelerators can be deployed either as a single GPU in the front drive cage or in high-density PCle Expansion Module to the HPE Synergy 480 Gen10 Plus Compute Modules.

The new HPE Synergy Graphics Expansion Module supports up to 9 PCle low-profile NVIDIA GPUs, by adding 1 GPU in the front-drive cage and 8 T4 GPUs in the 8-slot Exapnsion Module.

After initial factory integration, the HPE Synergy Gen10 Plus PCIe Expansion Modules support field upgrades to add additional GPUs.

Supports the HPE Syergy D3940 Storage Module for composable storage options when you use the HPE Synergy Graphics Gen10 Plus Expansion Module.

Support for Virtualization and Virtualized GPUs

The HPE Synergy 480 Graphics Accelerators use the NVIDIA vGPU Grid hypervisor for an enhanced virtualized experiance. Supported hypervisors include VMware ESXi®, and Microsoft® Hyper-V 2016®.

Data sheet Page 3

Technical specifications

NVIDIA Tesla P6 Multi MXM Graphics Accelerator for HPE Synergy 480

Product Number (SKU)	880709-B21
Peak Single Precision Performance	N/A
Number of accelerators per card	1
Cores	2048
Memory size per board	16 GB
Memory bandwidth for board	192.2 GB/sec
Accelerator applications	Visualization or compute
Architecture features	Contains two Tesla P6 GPUs. Field installable
System	Supports up to 32 virtualized user sessions per kit
Warranty	Global, 1 year exchange

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Operational Services from HPE Pointnext Services

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- 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.

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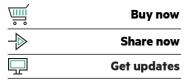
For additional technical information, available models and options, please reference the QuickSpecs

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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