



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 PCIe 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.

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 cost-effective 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 PCIe Expansion Module to the HPE Synergy 480 Gen10 Plus Compute Modules.

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

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

Supports the HPE Synergy 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 experience. Supported hypervisors include VMware ESXi®, and Microsoft® Hyper-V 2016®.



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 |



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

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.

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

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

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



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

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