

Overview ****For latest information on this product please use [NVIDIA Grid and vCS Software QuickSpecs](#)****

NVIDIA vGPU software

While virtualization has long been a top priority for many organizations, adoption has been slow due to inadequate user experience. This has been caused by virtualized desktops lacking access to a GPU, which is a core component of every physical device today and is leveraged by all sorts of applications. Today with NVIDIA virtual GPU technology you can virtualize any application and deliver it in a GPU accelerated virtual environment.

NVIDIA virtual GPU is a graphics virtualization platform that extends the power of NVIDIA GPU technology to virtual desktops and apps. It delivers an immersive, high-quality user experience for everyone from engineers and designers to knowledge workers. **NVIDIA Virtual GPU technology** lets IT tap into a powerful graphics-accelerated cloud solution to centralize apps and data, with virtual workspaces that offer improved security, productivity, and cost-efficiency.

Organizations in every industry have accelerated their workflows and improved their desktop virtualization environment with NVIDIA virtual GPU technology.

- Architecture, Engineering, and Construction
- Education
- Financial Services Institutions
- Government
- Healthcare
- Manufacturing
- Media and Entertainment
- Oil and Gas

NVIDIA Virtual GPU with HPE Solution

Industry-leading graphics virtualization for task workers and creative and technical professionals

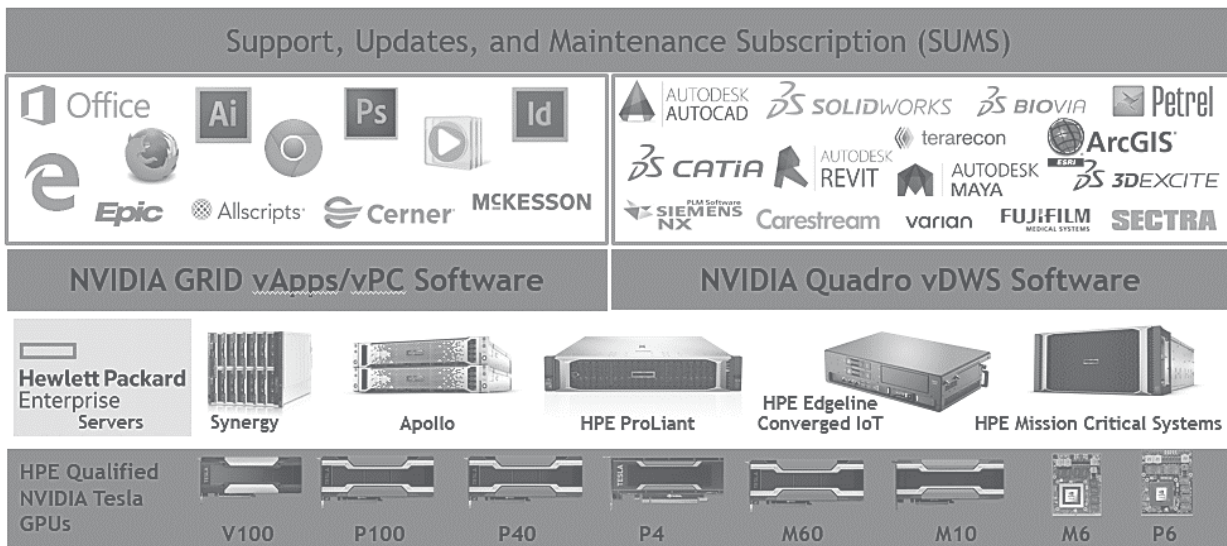


Figure 1. NVIDIA virtual GPU Ecosystem overview with HPE Solutions

Overview

NVIDIA virtual GPU solutions complement HPE workstation solutions to help customers solve specific use cases not addressed by physical environments. Customers can turn to virtual PCs and virtual workstations powered by NVIDIA virtual GPU software when they require these capabilities:

- Access to graphics-rich environments on any device, including laptops, tablets, and smartphones
- Improved data security through centralization of corporate information within the data center, no longer exposed on workstations or endpoints

NVIDIA GRID software, combined with NVIDIA Tesla M10 GPUs, integrated with HPE ProLiant, Apollo, and Synergy Servers deliver an enterprise-grade platform for organizations that want to deliver virtualized office productivity applications and high-performance Windows 10 virtual workspaces that scale cost-effectively. For more information about NVIDIA GRID software, see <http://www.nvidia.com/grid>

NVIDIA Quadro Virtual Data Center Workstation (Quadro vDWS) software, and NVIDIA Tesla GPUs, integrated with HPE ProLiant Servers combine to deliver the most powerful virtual workstations from the data center or the cloud to any device, anywhere. Access the most demanding applications and tackle larger datasets, all while meeting the need for greater security, with NVIDIA Quadro vDWS software. For more information about NVIDIA Quadro vDWS software see <http://www.nvidia.com/quadro-vdws>

NVIDIA virtual GPU software products are available on HPE Catalog via HPE Complete program.

HPE Complete- Resell of Third Party Branded Products

HPE Complete is a resource enabling the purchase of best in class third party branded products with the added reliability of Hewlett Packard Enterprise's interop assurance for a complete validated solution, all via one HPE purchase order. NVIDIA virtual GPU software is available worldwide thru HPE Complete via standard HPE OCA ordering tools.

Benefits

- One Stop Shop - Purchase complete solutions from HPE that include best in class third party branded products, all on a single HPE purchase order.
- Validated solution - Confidence of The HPE interop assurance validation for third party branded products that complement HPE Storage & Server solutions.
- Customer Experience - HPE Complete utilizes third-party expertise for installation, support, and warranty of their products. However, HPE Complete will step in to facilitate third-party issue resolution when needed to assist in overall customer satisfaction.
- Unique Value – Minimize risk, complexity and cost when deploying multi-vendor products and technologies into the HPE ecosystem.

For more information please refer [HPE Complete](#) on HPE.com

Overview

Models

Hewlett Packard Enterprise is making the following NVIDIA virtual GPU software SKUs available via HPE Complete:

Description	SKU
NVIDIA GRID Virtual Applications (GRID vApps)	
NVIDIA GRID Virtual Applications Perpetual LTU	Q2D77A
NVIDIA GRID Virtual Applications Production SUMS 3yr 1 Concurrent User Service	Q2D87A
NVIDIA GRID Virtual Applications Production SUMS 1 Concurrent User 4yr	R0X60A
NVIDIA GRID Virtual Applications Production SUMS 5yr 1 Concurrent User Service	Q2D88A
NVIDIA GRID Virtual Applications Production SUMS 1yr Renewal 1 Concurrent User Service	Q2D95A
NVIDIA GRID Virtual Applications Subscription 1yr LTU	Q2D80A
NVIDIA GRID Virtual Applications Subscription 3yr LTU	Q2D81A
NVIDIA GRID Virtual Applications 1 Concurrent User 4yr Subscription LTU	R0X61A
NVIDIA GRID Virtual Applications 1 Concurrent User 5yr Subscription LTU	R0X62A
NVIDIA GRID Virtual Applications 1 Concurrent User 1yr Subscription Renewal LTU	Q7L39A
NVIDIA GRID Virtual Applications 1 Concurrent User 3yr Subscription Renewal LTU	Q7L40A
NVIDIA GRID Virtual PC (GRID vPC)	
NVIDIA GRID Virtual PC Perpetual LTU	Q2D78A
NVIDIA GRID Virtual PC Production SUMS 3yr 1 Concurrent User Service	Q2D90A
NVIDIA GRID Virtual PC Production SUMS 1 Concurrent User 4yr Service	R0X63A
NVIDIA GRID Virtual PC Production SUMS 5yr 1 Concurrent User Service	Q2D91A
NVIDIA GRID Virtual PC Production SUMS 1yr Renewal 1 Concurrent User Service	Q2D96A
NVIDIA GRID Virtual PC 16 Concurrent Users Perpetual LTU	Q7L26A
NVIDIA GRID Virtual PC Production SUMS 16 Concurrent Users 3yr Service	Q7L28A
NVIDIA GRID Virtual PC Subscription 1yr LTU	Q2D82A
NVIDIA GRID Virtual PC Subscription 3yr LTU	Q2D83A
NVIDIA GRID Virtual PC 1 Concurrent User 4yr Subscription LTU	R0X64A
NVIDIA GRID Virtual PC 1 Concurrent User 5yr Subscription LTU	R0X65A
NVIDIA GRID Virtual PC 1 Concurrent User 1yr Subscription Renewal LTU	Q7L41A
NVIDIA GRID Virtual PC 1 Concurrent User 3yr Subscription Renewal LTU	Q7L42A
NVIDIA Quadro vDWS	
NVIDIA Quadro vDWS Perpetual 1 Concurrent User LTU	Q2D79A
NVIDIA Quadro vDWS Production SUMS 1 Concurrent User 3yr Service	Q2D93A
NVIDIA Quadro vDWS Production SUMS 1 Concurrent User 4yr Service	R0X66A
NVIDIA Quadro vDWS Production SUMS 1 Concurrent User 5yr Service	Q2D94A
NVIDIA Quadro vDWS Production SUMS 1 Concurrent User 1yr Renewal Service	Q2D97A
NVIDIA Quadro vDWS 4 Concurrent Users Perpetual LTU	Q7L27A
NVIDIA Quadro vDWS Production SUMS 4 Concurrent Users 3yr Service	Q7L29A
NVIDIA Quadro vDWS 1 Concurrent User 1yr Subscription LTU	Q2D84A
NVIDIA Quadro vDWS 1 Concurrent User 3yr Subscription LTU	Q2D85A
NVIDIA Quadro vDWS 1 Concurrent User 4yr Subscription LTU	R0X67A
NVIDIA Quadro vDWS 1 Concurrent User 5yr Subscription LTU	R0X68A
NVIDIA Quadro vDWS 1 Concurrent User 1yr Subscription Renewal LTU	Q7L43A
NVIDIA Quadro vDWS 1 Concurrent User 3yr Subscription Renewal LTU	Q7L44A

Overview

Overview

Description

SKU

NVIDIA Quadro vDWS for Education

NVIDIA Education Quadro vDWS 1 Concurrent User Perpetual LTU	Q7L30A
NVIDIA Education Quadro vDWS Production SUMS 1 Concurrent User 3yr Service	Q7L34A
NVIDIA Education Quadro vDWS Production SUMS 1 Concurrent User 5yr Service	Q7L35A
NVIDIA Education Quadro vDWS Production SUMS 1 Concurrent User 1yr Subscription Renewal Service	Q7L38A
NVIDIA Education Quadro vDWS 1 Concurrent User 1yr Subscription LTU	Q7L31A
NVIDIA Education Quadro vDWS 1 Concurrent User 3yr Subscription LTU	Q7L32A
NVIDIA Education Quadro vDWS 1 Concurrent User 1yr Subscription Renewal LTU	Q7L36A
NVIDIA Education Quadro vDWS 1 Concurrent User 3yr Subscription Renewal LTU	Q7L37A

Standard Features

With the NVIDIA Tesla M10 you can achieve the industry's highest user density. It delivers amazing user experiences to every virtual desktop and application at an affordable cost.

NVIDIA virtual GPU Software

NVIDIA virtual GPU Software is available in three editions that deliver accelerated virtual desktops to support the needs of your users.

- **NVIDIA QUADRO vDWS.** For professional graphics applications; includes an NVIDIA Quadro driver.
- **NVIDIA GRID vPC.** For virtual desktops delivering standard PC applications, browser and multimedia.
- **NVIDIA GRID vAPPS.** Use with Citrix XenApp or other RDSH solutions like VMware Horizon Apps.

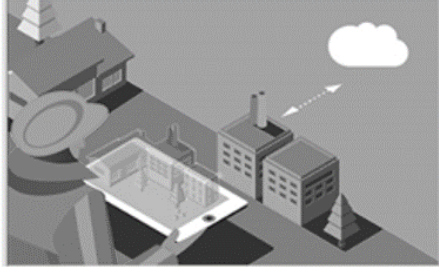
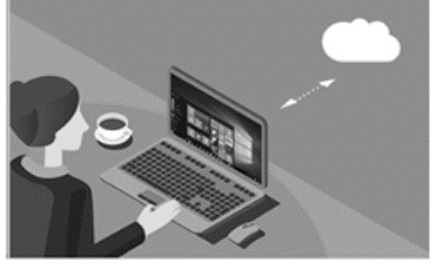
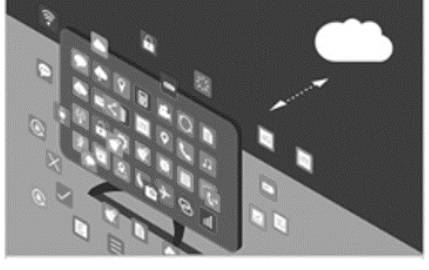
NVIDIA QUADRO vDWS	NVIDIA GRID vPC	NVIDIA GRID vAPPS
		
<p>For professional graphics applications; includes an NVIDIA Quadro driver.</p>	<p>For virtual desktops delivering standard PC applications, browser, and multimedia.</p>	<p>Use with Citrix XenApp or other RDSH solutions like VMware Horizon Apps.</p>

Figure: 2 NVIDIA Virtual GPU Software Editions

Key Benefits:

- **Virtualize Any Application**

Any application that can run on a physical desktop can now run on a virtual desktop, so companies can expand their virtualization footprint.

- **Raise the Bar on Productivity**

Transform workflows to liberate your users and data from the confines of PCs, workstations, offices, and distance. With NVIDIA virtual GPU technology, your teams can seamlessly collaborate in real-time, wherever they are, using any device they choose to be productive.

- **Simplify IT Management**

IT can now centralize data and applications in the data center and deliver a graphics-accelerated virtual workspace with improved IT manageability, security, and graphics performance that exceeds user expectations. - See more at:


<https://www.nvidia.com/en-us/design-visualization/solutions/it-management/>

- **Protect mission-critical assets and IP**

Protect your intellectual property and mission-critical data by keeping it centralized within the data center. You can securely collaborate with business partners without the threat of data loss, while also enabling new mobile, work-from-anywhere work styles.

Standard Features

All virtual environments can now take advantage of graphics acceleration with NVIDIA virtual GPU software and **NVIDIA Tesla Data Center GPUs**.



	V100	P100	P40	P4	M60	M10	M6	P6	
GPUs / Board (Architecture)	1 (Volta)	1 (Pascal)	1 (Pascal)	1 (Pascal)	2 (Maxwell)	4 (Maxwell)	1 (Maxwell)	1 (Pascal)	
CUDA Cores	5,120	3,584	3,840	2,560	4,096 (2,048 per GPU)	2,560 (640 per GPU)	1,536	2,048	
Memory Size	32 GB / 16 GB HBM2	16 GB HBM2	24 GB GDDR5	8 GB GDDR5	16 GB GDDR5 (8 GB per GPU)	32 GB GDDR5 (8 GB per GPU)	8 GB GDDR5	16 GB GDDR5	
H.264 1080p30 streams	36	36	24	24	36	28	16	24	
vGPU Profiles	1 GB, 2 GB, 4 GB, 8 GB, 16 GB, 32GB	1 GB, 2 GB, 4 GB, 8 GB, 16 GB	1 GB, 2 GB, 3 GB, 4 GB, 6 GB, 8 GB, 12 GB, 24 GB	1 GB, 2 GB, 4 GB, 8 GB	0.5 GB, 1 GB, 2 GB, 4 GB, 8 GB	0.5 GB, 1 GB, 2 GB, 4 GB, 8 GB	0.5 GB, 1 GB, 2 GB, 4 GB, 8 GB	1 GB, 2 GB, 4 GB, 8 GB, 16 GB	
Form Factor	PCIe 3.0 Dual Slot (rack servers)	PCIe 3.0 Dual Slot (rack servers)	PCIe 3.0 Dual Slot (rack servers)	PCIe 3.0 Single Slot (rack servers)	PCIe 3.0 Dual Slot (rack servers)	PCIe 3.0 Dual Slot (rack servers)	MXM (blade servers)	MXM (blade servers)	
Power	250W	250W	250W	75W	240W/300W (225W opt)	225W	100W (75W opt)	90W	
Thermal	passive	passive	passive	passive	active/passive	passive	bare board	bare board	
	PERFORMANCE Optimized					DENSITY Optimized		BLADE Optimized	

Figure 3 NVIDIA TESLA GPU's Recommended for Virtualization

NVIDIA virtual GPU software runs on NVIDIA Tesla GPUs based on the NVIDIA Volta, NVIDIA Pascal™, and NVIDIA Maxwell™ GPU architectures, making it the only solution on the market that meets the performance needs of all enterprise users. This includes everyone from the most demanding designers and engineers to knowledge workers.

For more information about NVIDIA Tesla GPUs for virtualization, see <https://www.nvidia.com/en-us/design-visualization/graphics-cards-for-virtualization/>

NVIDIA virtual GPU software requires NVIDIA Tesla GPU hardware to work properly.

Standard Features

Solution Overview

There are three NVIDIA virtual GPU software options to choose from. The license is dependent on the how the end users access their applications or what applications they are running in their remote desktop session.

1. NVIDIA GRID vApps license is for remoted applications
 - Products like Citrix XenApp, or other RDSH solutions like VMware Horizon Apps, Microsoft RemoteFX, or Microsoft RDP.
2. NVIDIA GRID vPC license is for license is for virtual desktops delivering standard PC apps, browser, and multimedia.
3. NVIDIA Quadro vDWS license is for professional graphics applications; and includes an NVIDIA Quadro driver.

Configuration and Deployment	Quadro vDWS	GRID vPC	GRID vApps
Desktop Virtualization	✓	✓	✓
RDSH App Hosting	✓ ¹	✓	✓
RDSH Desktop hosting	✓ ¹	✓	✓
Windows OS Support	✓	✓	✓
Linux OS Support	✓	✓ ²	✓
GPU Pass-Through Support ³	✓	✓	✓
Bare Metal Support ⁴	✓	✓	✓
NVIDIA Graphics Driver	✓ ¹	✓	✓
NVIDIA Quadro Driver	✓	✓	✓
Guaranteed Quality of Service Scheduling ⁵	✓	✓	✓

Display	Quadro vDWS	GRID vPC	GRID vApps
Maximum Hardware Rendered Display	Four 4K	Four QHD, Two 4K ²	One ⁶
Maximum Resolution	4096*2160	4096*2160	1280 * 1024

Support	Quadro vDWS	GRID vPC	GRID vApps
NVIDIA Direct Enterprise-Level Technical Support	✓	✓	✓
Maintenance Releases, Defect resolutions, and Security Patches for up to 3 years ⁸	✓	✓	✓

¹ With packaged GRID vApp license
² Supported starting with NVIDIA virtual GPU software Spring 2018 release (version 6.0)
³ Only supported on 1:1 profiles
⁴ Only NVIDIA Tesla M6 Hardware supported as primary display device
⁵ Scheduling options include fixed share, equal share, and best effort/time slicing
⁶ GRID vApp supports one 1280x1024 display from the GPU card. However, XenApp renders to an offscreen buffer, so it can support multiple software rendered displays at higher resolutions
⁷ Application level monitoring only available starting with the NVIDIA virtual GPU August 2017 release (version 5.0)

⁸ Available with active Support, Updates, and Maintenance (SUM) contract
⁹ Supported on 8GB 1:1 profile on Maxwell and all profiles on Pascal
¹⁰ Only supported for Maxwell 8A profile on GRID 4.x and earlier releases
¹¹ Profiles supported have dependency on GPU selected. For more information, read the Virtual GPU Software User Guide
¹² Supports up to two 4K displays or four 2560x1600 displays on 2B profile. Supports up to four 2560x1600 displays on 1B profile. Support for two 4K displays starts with NVIDIA virtual GPU software release 6.0, and support for four 2560x1600 displays on 2GB profile starts with NVIDIA virtual GPU software release 6.2.

Data Center Management	Quadro vDWS	GRID vPC	GRID vApps
Host, Guest, and Application Level Monitoring ⁷	✓	✓	✓
Live Migration ²	✓	✓	✓

Advanced Professional Features	Quadro vDWS	GRID vPC	GRID vApps
ISV Certifications	✓	✓	✓
CUDA/OpenCL	✓ ⁹	✓	✓ ¹⁰

Graphics Features and APIs	Quadro vDWS	GRID vPC	GRID vApps
NVENC	✓	✓	✓
OpenGL Extensions, Including WebGL	✓	✓	✓
Quadro Performance Features and Optimizations	✓	✓	✓
DirectX	✓	✓	✓
Vulkan support	✓	✓	✓

Profiles ¹¹	Quadro vDWS	GRID vPC	GRID vApps
Max Frame Buffer Supported	24 GB	2 GB ²	24 GB
Available Profiles	0Q, 1Q, 2Q, 3Q, 4Q, 6Q, 8Q, 12Q, 16Q, 24Q, 32Q	0B, 1B, 2B ²	24A, 16A, 12A, 8A, 6A, 4A, 3A, 2A, 1A



Figure: 4 NVIDIA Virtual GPU Software Features

NVIDIA virtual GPU software is required for users that are leveraging NVIDIA Tesla M6, M10, M60, P4, P6, P40, P100, and V100 GPUs in a virtual GPU deployment.

Service and Support

Service and Support for NVIDIA products are provided directly by NVIDIA. For any support and generic queries please visit the NVIDIA customer support portal at <http://www.nvidia.com/object/support.html>. NVIDIA licensors service delivery organization will be responsible for responding with a call, assigning a severity level to the call, and determining the service Severity Level acceptable to Hewlett Packard Enterprise customer. The support request will be processed by NVIDIA in accordance with the Severity Level agreed upon.

Warranty

Any applicable software warranty is in the corresponding NVIDIA software license agreement. Please reference:

<https://www.nvidia.com/content/dam/en-zz/Solutions/design-visualization/documents/161207-GRID-Packaging-and-Licensing-Guide.pdf>

Return Policy for Resellers

Please purchase accurate quantity required to fulfil the customer order.

Configuration Information

The HPE Complete NVIDIA virtual GPU software options are as follows:

NVIDIA GRID vApps (Perpetual 1a & 1b or Subscription 1c)

NVIDIA GRID vPC (Perpetual 2a & 2b or Subscription 2c)

NVIDIA Quadro vDWS (Perpetual 3a & 3b or Subscription 3c)

NVIDIA Quadro vDWS for Education (Perpetual 4a & 4b or Subscription 4c)

Description

SKU

Step-1a Select Perpetual GRID vApps License

NVIDIA GRID vApps (Perpetual 1a & 1b or Subscription 1c)

NVIDIA GRID Virtual Applications Perpetual LTU

Q2D77A

A non-expiring, permanent NVIDIA GRID vApps license that can be used on a perpetual basis without a need to renew. Along with this SKU, a minimum of 3 year of SUMS (Support, Upgrade and Maintenance program) License is required. Please refer to Step 1b to make selection.

Step-1b Support SKUs for Perpetual GRID vApps LTU

NVIDIA GRID Virtual Applications Production SUMS 3yr 1 Concurrent User Service

Q2D87A

GRID vApps Support, Upgrade and Maintenance for 3 years for 1 active user VMS. If the VM is active and the NVIDIA GRID vApps software is running, then this counts as one CCU. A GRID CCU is independent of the connection to the VM.

NVIDIA GRID Virtual Applications Production SUMS 1 Concurrent User 4yr

R0X60A

GRID vApps Support, Upgrade and Maintenance for 4 years for 1 active user VMS. If the VM is active and the NVIDIA GRID vApps software is running, then this counts as one CCU. A GRID CCU is independent of the connection to the VM.

NVIDIA GRID Virtual Applications Production SUMS 5yr 1 Concurrent User Service

Q2D88A

GRID vApps Support, Upgrade and Maintenance for 5 years for 1 active user VMS. If the VM is active and the NVIDIA GRID vApps software is running, then this counts as one CCU. A GRID CCU is independent of the connection to the VM.

NVIDIA GRID Virtual Applications Production SUMS 1yr Renewal 1 Concurrent User Service

Q2D95A

GRID vApps Support, Upgrade and Maintenance for 1 year renewal for 1 active user VMS. If the VM is active and the NVIDIA GRID vApps software is running, then this counts as one CCU. A GRID CCU is independent of the connection to the VM. Should be bought along with 1 yr renewal LTU.

Step-1c Select a Subscription GRID vApps License

NVIDIA GRID Virtual Applications Subscription 1yr LTU

Q2D80A

GRID vApps license active for 1 year. This includes 1yr SUMS.

NVIDIA GRID Virtual Applications Subscription 3yr LTU

Q2D81A

GRID vApps license active for 3 years. This includes 3yrs SUMS.

NVIDIA GRID Virtual Applications 1 Concurrent User 4yr Subscription LTU

R0X61A

GRID vApps license active for 4 years. This includes 4yrs SUMS.

NVIDIA GRID Virtual Applications 1 Concurrent User 5yr Subscription LTU

R0X62A

GRID vApps license active for 5 years. This includes 5yrs SUMS.

NVIDIA GRID Virtual Applications 1 Concurrent User 1yr Subscription Renewal LTU

Q7L39A

GRID vApps 1 year subscription renewal license.

NVIDIA GRID Virtual Applications 1 Concurrent User 3yr Subscription Renewal LTU

Q7L40A

GRID vApps 3 year subscription renewal license.

Configuration Information

Step-2a

Select Perpetual GRID vPC License

NVIDIA GRID vPC (Perpetual 2a & 2b or Subscription 2c)

Description

SKU

NVIDIA GRID Virtual PC Perpetual LTU

Q2D78A

A non-expiring, permanent NVIDIA GRID vPC license that can be used on a perpetual basis without a need to renew. Along with this SKU, a minimum of 3 year of SUMS (Support, Upgrade and Maintenance program) License is required. Please refer to Step 2b to make selection.

NVIDIA GRID Virtual PC 16 Concurrent Users Perpetual LTU

Q7L26A

NOTE: GRID vPC perpetual license active for 16 concurrent user. First year of SUMS (Support, Upgrade and Maintenance program) License is required. Along with this SKU, select the 3 year, 16CCU of SUMS (Support, Upgrade and Maintenance program) License in Step 2b.

Step-2b Support SKUs for Perpetual GRID vPC LTU

NVIDIA GRID Virtual PC Production SUMS 3yr 1 Concurrent User Service

Q2D90A

NOTE: GRID vPC Support, Upgrade and Maintenance for 3 years for 1 active user VMS. If the VM is active and the NVIDIA GRID vPC software is running, then this counts as one CCU. A GRID vPC software CCU is independent of the connection to the VM.

NVIDIA GRID Virtual PC Production SUMS 1 Concurrent User 4yr Service

R0X63A

NOTE: GRID vPC Support, Upgrade and Maintenance for 4 years for 1 active user VMS. If the VM is active and the NVIDIA GRID vPC software is running, then this counts as one CCU. A GRID vPC software CCU is independent of the connection to the VM.

NVIDIA GRID Virtual PC Production SUMS 5yr 1 Concurrent User Service

Q2D91A

NOTE: GRID vPC Support, Upgrade and Maintenance for 5 years for 1 active user VMS. If the VM is active and the NVIDIA GRID vPC software is running, then this counts as one CCU. A GRID vPC software CCU is independent of the connection to the VM.

NVIDIA GRID Virtual PC Production SUMS 1yr Renewal 1 Concurrent User Service

Q2D96A

GRID vPC Support, Upgrade and Maintenance for 1 year renewal for 1 active user VMS. If the VM is active and the NVIDIA GRID vPC software is running, then this counts as one CCU. A GRID vPC software CCU is independent of the connection to the VM. Should be bought along with 1 yr renewal LTU.

NVIDIA GRID Virtual PC Production SUMS 16 Concurrent Users 3yr Service

Q7L28A

NOTE: GRID vPC Support, Upgrade and Maintenance for 16 active user for 3 years VMS. If the VM is active and the NVIDIA GRID vPC software is running, then this counts as one CCU. A GRID vPC software CCU is independent of the connection to the VM. Should be bought along with 1 yr renewal LTU.

Step-2c Select a Subscription GRID vPC License

NVIDIA GRID Virtual PC Subscription 1yr LTU

Q2D82A

GRID vPC license active for 1 year. This includes 1yr SUMS.

NVIDIA GRID Virtual PC Subscription 3yr LTU

Q2D83A

GRID vPC license active for 3 years. This includes 3yrs SUMS.

NVIDIA GRID Virtual PC 1 Concurrent User 4yr Subscription LTU

R0X64A

GRID vPC license active for 4 years. This includes 4yrs SUMS.

NVIDIA GRID Virtual PC 1 Concurrent User 5yr Subscription LTU

R0X65A

GRID vPC license active for 5 years. This includes 5yrs SUMS.

NVIDIA GRID Virtual PC 1 Concurrent User 1yr Subscription Renewal LTU

Q7L41A

GRID vPC 1 year subscription renewal license

NVIDIA GRID Virtual PC 1 Concurrent User 3yr Subscription Renewal LTU

Q7L42A

GRID vPC 3 year subscription renewal license

NVIDIA Quadro vDWS (Perpetual 3a & 3b or Subscription 3c)

Configuration Information

Step-3a Select Perpetual Quadro vDWS License

Description

SKU

NVIDIA Quadro vDWS Perpetual 1 Concurrent User LTU

Q2D79A

A non-expiring, permanent NVIDIA Quadro vDWS license that can be used on a perpetual basis without a need to renew. Along with this SKU, a minimum of 3 year of SUMS (Support, Upgrade and Maintenance program) License is required. Please refer to Step 3b to make selection.

NVIDIA Quadro vDWS 4 Concurrent Users Perpetual LTU

Q7L27A

NOTE: GRID Quadro vDWS perpetual license active for 4 concurrent user. Along with this SKU, select the 4 CCU, 3 year of SUMS (Support, Upgrade and Maintenance program) License in Step 3b.

Step-3b Support SKUs for Perpetual LTU Quadro vDWS

NVIDIA Quadro vDWS Production SUMS 1 Concurrent User 3yr Service

Q2D93A

Quadro vDWS Support, Upgrade and Maintenance for 3 years for 1 active user VMS. If the VM is active and the Quadro vDWS software is running, then this counts as one CCU. A Quadro vDWS software CCU is independent of the connection to the VM.

NVIDIA Quadro vDWS Production SUMS 1 Concurrent User 4yr Service

R0X66A

Quadro vDWS Support, Upgrade and Maintenance for 4 years for 1 active user VMS. If the VM is active and the Quadro vDWS software is running, then this counts as one CCU. A Quadro vDWS software CCU is independent of the connection to the VM.

NVIDIA Quadro vDWS Production SUMS 1 Concurrent User 5yr Service

Q2D94A

Quadro vDWS Support, Upgrade and Maintenance for 5 years for 1 active user VMS. If the VM is active and the Quadro vDWS software is running, then this counts as one CCU. A Quadro vDWS software CCU is independent of the connection to the VM.

NVIDIA Quadro vDWS Production SUMS 1 Concurrent User 1yr Renewal Service

Q2D97A

Quadro vDWS Support, Upgrade and Maintenance for 1 year renewal for 1 active user VMS. If the VM is active and the Quadro vDWS software is running, then this counts as one CCU. A Quadro vDWS software CCU is independent of the connection to the VM. Should be bought along with 1 yr renewal LTU.

NVIDIA Quadro vDWS Production SUMS 4 Concurrent Users 3yr Service

Q7L29A

Quadro vDWS Support, Upgrade and Maintenance for 4 active user for 3 years VMS. If the VM is active and the Quadro vDWS software is running, then this counts as one CCU. A Quadro vDWS software CCU is independent of the connection to the VM. Should be bought along with 1 yr renewal LTU.

Step-3c Select a Subscription Quadro vDWS License

NVIDIA Quadro vDWS 1 Concurrent User 1yr Subscription LTU

Q2D84A

Quadro vDWS license active for 1 year. This includes 1yr SUMS.

NVIDIA Quadro vDWS 1 Concurrent User 3yr Subscription LTU

Q2D85A

Quadro vDWS license active for 3 years. This includes 3yrs SUMS.

NVIDIA Quadro vDWS 1 Concurrent User 4yr Subscription LTU

R0X67A

Quadro vDWS license active for 4 years. This includes 4yrs SUMS.

NVIDIA Quadro vDWS 1 Concurrent User 5yr Subscription LTU

R0X68A

Quadro vDWS license active for 5 years. This includes 5yrs SUMS.

NVIDIA Quadro vDWS 1 Concurrent User 1yr Subscription Renewal LTU

Q7L43A

Quadro vDWS 1 year subscription renewal license

Configuration Information

Step-4a Select Perpetual EDU Quadro vDWS License

Description

SKU

NVIDIA Quadro vDWS SKUs for Education (Perpetual 4a & 4b or Subscription 4c)

NVIDIA Education Quadro vDWS 1 Concurrent User Perpetual LTU Q7L30A

A non-expiring, permanent NVIDIA Quadro vDWS license that can be used on a perpetual basis without a need to renew. To be used for Education customers only. Along with this SKU, a minimum of 3 year of SUMS (Support, Upgrade and Maintenance program) License is required. Please refer to Step 4b to make selection.

Step-4b Support SKUs for Perpetual Quadro EDU vDWS LTU

NVIDIA Education Quadro vDWS Production SUMS 1 Concurrent User 3yr Service Q7L34A

Quadro vDWS for Education Support, Upgrade and Maintenance for 3 years for 1 active user VMS. If the VM is active and the Education Quadro vDWS software is running, then this counts as one CCU. A Quadro vDWS software CCU is independent of the connection to the VM.

NVIDIA Education Quadro vDWS Production SUMS 1 Concurrent User 5yr Service Q7L35A

Quadro vDWS for Education Support, Upgrade and Maintenance for 5 years for 1 active user VMS. If the VM is active and the Education Quadro vDWS software is running, then this counts as one CCU. A Quadro vDWS software CCU is independent of the connection to the VM.

NVIDIA Education Quadro vDWS Production SUMS 1 Concurrent User 1yr Subscription Renewal Service Q7L38A

Quadro vDWS for Education Support, Upgrade and Maintenance for 1 year renewal for 1 active user VMS. If the VM is active and the Education Quadro vDWS software is running, then this counts as one CCU. A Quadro vDWS software CCU is independent of the connection to the VM. Should be bought along with 1 yr renewal LTU.

Step-4c Select a Subscription Quadro EDU vDWS License

NVIDIA Education Quadro vDWS 1 Concurrent User 1yr Subscription LTU Q7L31A

A Quadro vDWS for Education license active for 1 year. This includes 1yr SUMS.

NVIDIA Education Quadro vDWS 1 Concurrent User 3yr Subscription LTU Q7L32A

A Quadro vDWS for Education license active for 3 years. This includes 3yr SUMS.

NVIDIA Education Quadro vDWS 1 Concurrent User 1yr Subscription Renewal LTU Q7L36A

A Quadro vDWS for Education 1 year subscription renewal license

NVIDIA Education Quadro vDWS 1 Concurrent User 3yr Subscription Renewal LTU Q7L37A

A Quadro vDWS for Education 3 year subscription renewal license

Summary of Changes

Date	Version History	Action	Description of Change
06-Apr-2020	Version 5	Changed	QuickSpecs layout was updated
01-Oct-2018	Version 4	Changed	Overview, Models, Standard Features, Configuration Information and Service and Support sections were updated SKUs were added
14-May-2018	Version 3	Changed	Changed SKU descriptions, and updated config instructions. Note the title was changed from HPE Complete NVidia Grid Software to HPE Complete NVidia Virtual GPU Software.
04-Dec-2017	Version 2	Changed	Overview and SKUs were updated.
25-Sept -2017	Version 1	Created	All content created.



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