NVIDIA GRID™
ACCELERATED VIRTUAL DESKTOPS

The NVIDIA GRID virtualization platform delivers accelerated virtual desktops and applications from the data center to any user, on any device, anywhere. For the first time, you can virtualize all graphics-intensive workflows to improve employee mobility, IT flexibility, and data security. Users get a superior virtual desktop experience, so they can be their most productive.

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.

IMPROVE USER EXPERIENCES

Give employees a superior graphics-rich experience on even the thinnest notebooks.

CENTRALIZE IT MANAGEMENT

Leverage user profiles to flexibly deliver the graphics performance each user needs from the data center.

INCREASE SECURITY

Keep your most valuable data safe in the data center while providing just the right level of access to users.

NVIDIA GRID Customers

Industries around the world have accelerated their workflows leveraging NVIDIA GRID platforms. Leading industries include:

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

VIRTUALIZATION PARTNERS

CITRIX® Microsoft NICE vmware®

NVIDIA GRID Platform

SOFTWARE EDITIONS

NVIDIA GRID is available in three editions that deliver accelerated virtual desktops to support the needs of your users. These editions include Virtual PC, Virtual Workstation, and Virtual Workstation Extended.

GRID perpetual licenses are sold by Concurrent Connected User (CCU).

NVIDIA GRID VIRTUAL PC
Ideal for knowledge workers and power users who run applications that benefit from a GPU (from Windows OS interface and Microsoft Office to Adobe, Autodesk, and PLM applications)

NVIDIA GRID Virtual Workstation
Ideal for mainstream designers who use 3D design applications to create content (Dassault Systèmes Solidworks and CATIA, Siemens NX, PTC Creo)

NVIDIA GRID Virtual Workstation Extended
Ideal for the high-end designers who use the most powerful content creation applications (Schlumberger Petrel in Oil & Gas, Dassault Systèmes 3DExcite in Manufacturing Design,

	NVIDIA GRID Virtual PC	NVIDIA GRID Virtual Workstation	NVIDIA GRID Virtual Workstation Extended
Maximum Number of Displays	2	4	4
Maximum Resolution Per Display	2560 x 1600 (WQXGA)	2560 x 1600 (WQXGA)	3840 x 2160 (4K)
Windows Guest OS	✓	✓	✓
Linux Guest OS		✓	✓
NVIDIA® Quadro® Software Features		✓	✓
NVIDIA CUDA® Support			✓ [1]
OpenCL Support			✓ [1]
GPU Pass-Through Support			✓ [1]
NVIDIA GRID vGPU™ Profiles Supported (Frame Buffer and Maximum Number of Users per GPU)			
512 MB (Up to 16 users per GPU)	✓	✓	✓
1 GB (Up to 8 users per GPU)	✓	✓	✓
2 GB (Up to 4 users per GPU)	✓	✓	✓
4 GB (Up to 2 users per GPU)			✓
8 GB (1 user per GPU)			✓

1 Only available with 8 GB vGPU profile

SUPPORT, UPDATES, AND MAINTENANCE SUBSCRIPTION (SUMS) DETAILS

NVIDIA SUMS is an annual subscription that provides you with technical support from the experts, along with software patches, updates, and upgrades for your GRID solution.

	BASIC	PRODUCTION
Maintenance	Access to all maintenance releases, defect resolutions, and security patches for flexibility in upgrading for up to 3 years	
Upgrades	Access to all new major version releases, including feature enhancements and new hardware support	
Long-Term Branch Maintenance	Available for up to 1 year from general availability	Available for up to 3 years from general availability
Direct Support	Direct access to NVIDIA support engineering for timely resolution of customer-specific issues	
Support Availability	Week days 9 am - 5 pm (PST)	24 x 7
Support Response Time	Within 24 hours	Within 4 hours
Knowledgebase Access	✓	✓
Web Support	✓	✓
e-mail Support	✓	✓
Phone Support		✓

Support currently available only in English.

HARDWARE SPECIFICATIONS

The NVIDIA GRID solution runs on top of an award-winning, NVIDIA Maxwell™-powered GPU that comes in two server form factors: NVIDIA® Tesla® M6 for blade servers and converged infrastructure and NVIDIA Tesla M60 for rack and tower servers.

	NVIDIA TESLA M6	NVIDIA TESLA M60
Number of GPUs	1 NVIDIA Maxwell GPU	2 NVIDIA Maxwell GPUs
Total NVIDIA CUDA Cores	1,536	4,096
Total Memory Size	8 GB GDDR5	16 GB GDDR5
Max Power	100 W	300 W
Form Factor	MXM	PCIE 3.0 Dual slot
Board Dimensions	3.2" x 4.1"	10.5" x 4.4"
Cooling Solution	Bare Board	Passive/Active

For more information, visit **www.nvidia.com/grid**

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