

Data Sheet

FUJITSU PRIMERGY NVIDIA® Tesla™ M60 Card

Graphics-accelerated virtual desktops and applications

By using NVIDIA GRID™ technology, businesses are able to realize the benefits of virtualization - security, manageability and flexibility - while delivering the full PC experience that users expect.

The NVIDIA® GRID™ technology offers the ability to offload graphics processing from the CPU to the GPU in virtualized environments. The NVIDIA® GRID™ card allows hardware virtualization of the GPU, this means multiple users can share a single GPU, improving user density while providing true PC performance and compatibility.

PRIMERGY NVIDIA® Tesla™ M60 Card

The NVIDIA Tesla™ M60 is a dual-slot PCI Express Gen3 graphics card with two high-end NVIDIA® Maxwell™ graphics processing units (GM204-GPUs) and GRID 2.0 technology.

The NVIDIA Tesla M60 has 16 GB of GDDR5 memory (8 GB per GPU), doubled performance in contrast to the old GRID generation and a 300 W maximum power consumption. It is designed for desktop graphics and Virtual Desktop Infrastructures (VDI) for up to 32 concurrent users, 36 H.264 1080p30 streams and even 4k monitor support per vm. Through improved performance, NVIDIA CUDA capability and doubled concurrent user quantity at the same performance level of GRID 1.0 - the number of cards and costs within the datacenter could be clearly decreased.

NVIDIA GRID™ Software License

It is necessary to purchase NVIDIA GRID™ Software from Authorized NVIDIA Partners for NVIDIA GRID Software License.

Please contact the Authorized NVIDIA Partners.

Three different GRID software editions are available to meet any demand:

NVIDIA GRID Virtual Applications Edition:

- For organizations deploying XenApp or other RDSH solutions. Designed to deliver PC Windows applications at full performance.
- Up to 8GB CCU profile - 1 to 8 per GPU

NVIDIA GRID Virtual PC Edition:

- a great user experience leveraging PC applications, browsers, and high-definition.
- Up to 1GB CCU profile - 8 to 16 per GPU
- Compatible with Windows
- Up to 4 Displays at 2500 x 1600 Max Resolution per Display

NVIDIA GRID Virtual Workstation Edition:

- Ultimate performance for engineers and designers
- Up to 8GB CCU profile - 1 to 16 per GPU
- Compatible with Linux, Windows and CUDA
- Up to 4 Displays at 4k

Please refer to NVIDIA Web site if you want to know more detail information about NVIDIA GRID™ Software.



Main Features	Benefits
<ul style="list-style-type: none"> ■ NVIDIA Tesla M60 ■ 2 high end Maxwell graphic processors and 16 GB GDDR5 memory ■ Tesla M60 enables GPU-capable virtualization ■ Tesla M60 = 4096 Cores ■ Flexible licensing model with three different scope ranges 	<ul style="list-style-type: none"> ■ Rich multimedia experiences as well as access to all application, including demanding 3D applications ■ Improve the productivity of all users and the access from anywhere on any device ■ Virtualization Solutions with Citrix® XenDesktop™ / VMware ESXi ■ Add your most graphics-intensive users to your virtual solutions ■ Covering all high-end graphic processing tasks

Technical details

Technical details

Card category	Remote Graphics
Graphics memory size	16 GB GDDR5 with ECC
Slot	PCIe 3.0 x16
Formfactor	Full height (double slot density)
Card notes	2x Maxwell GPU
Max. number per system unit	2x in PRIMERGY RX2540 M2 2x in PRIMERGY CX2570 M2
Operating system pre-installed	Information to released operating systems can be found in the server datasheets. Details can be found in the released drivers list on the support portal.
Graphics card notes	for shared Graphic supported by Citrix XenDesktop and GPU pass through / vGPU.VMware ESXi and vGPU / vDGA. No certification for CAD / CAx ISVs.
Graphics features	DirectX® 12 NVIDIA® Cuda™ technology lets your graphics card take over complex computations so that you obtain extreme performance boost for high-res 3D applications within a fraction of the time required on a CPU OpenGL® 4.5
Certified or supported operating systems and virtualization software	Citrix® XenServer™ Citrix® XenDesktop™ VMware Infrastructure
Notes	GPU pass through and vGPU vDGA / vGPU and vSGA

Order code	Brand name	Graphics cores	Graphics memory size
S26361-F2222-E964	NVIDIA® Tesla® M60	4096 cores	16 GB GDDR5 with ECC

Environment

Power consumption	300 W @ full performance
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Compliance

Compliance notes	According to the corresponding system
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

More information

Fujitsu products, solutions & services

In addition to Fujitsu with PRIMERGY NVIDIA® Tesla™ M60 Card, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/products/computing/

Software

www.fujitsu.com/software/

More information

Learn more about FUJITSU Server PRIMERGY NVIDIA® Tesla™ M60 Card, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. www.fujitsu.com/primergy

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment>



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