

Data Sheet

FUJITSU PRIMERGY NVIDIA® GRID™ K2 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® GRID™ K2 Card

The NVIDIA GRID™ K2 is a dual-slot PCI Express Gen3 graphics card with two high-end NVIDIA® Kepler™ graphics processing units (GPUs). The NVIDIA GRID K2 has 8 GB of GDDR5 memory (4 GB per GPU), and a 225 W maximum power limit. It is designed to accelerate graphics in virtual remote workstation and virtual desktop environments.

The NVIDIA GRID K2 graphics board can be configured to enable or disable ECC (error correcting codes) that can fix single-bit errors and detect double-bit errors. Enabling ECC will cause some of the memory to be used for the ECC bits, so the user available memory will decrease by 10%.



Main Features	Benefits
<ul style="list-style-type: none"> ■ NVIDIA GRID K2 card ■ 2 high end graphic processors and 8 GB GDDR5 memory ■ GRID K2 enables GPU-capable virtualization ■ GRID K2 = 3072 Cores 	<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 and Windows RemoteFX ■ Add your most graphics-intensive users to your virtual solutions

Technical details

Technical details

Card category	Remote Graphics
Graphics memory size	8 GB GDDR5 with ECC
Slot	PCIe 3.0 x16
Formfactor	Full height (double slot density)
Card notes	2x Kepler GPU
Max. number per system unit	2x in PRIMERGY RX350 S8 2x in PRIMERGY TX300 S8 1x in PRIMERGY CX270 S2 2x in PRIMERGY RX2540 M1 2x in PRIMERGY CX2570 M1
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 vSGA / vDGA as well as Windows Server 2012 R2 and RemoteFX. No certification for CAD / CAx ISVs.
Graphics features	DirectX® 10 or 11 support 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® 4.3
Certified or supported operating systems and virtualization software	Citrix® XenServer™ Citrix® XenDesktop™ Microsoft® Windows Server® 2012 R2 VMware Infrastructure
Notes	GPU pass through and vGPU vDGA and vSGA RemoteFX

Order code	Brand name	Graphics cores	Graphics memory size
S26361-F2222-E924	NVIDIA® GRID™ K2 8GB	3072 cores	8 GB GDDR5 with ECC

Environment

Power consumption	225 W
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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® GRID™ K2 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® GRID™ K2 Card, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://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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