FUJITSU

Data Sheet
FUJITSU PRIMERGY NVIDIA® GRID™ K1 Card

Graphics-accelerated virtual destops 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 enviroments. 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™ K1 Card
The NVIDIA GRID™ technology offers the ability to offload graphics processing from the CPU to the GPU in virtualized environments, allowing the data center manager to deliver true PC graphics-rich experiences to more users for the first time. The NVIDIA GRID card has an optimized multi-GPU design that helps to maximize user density. The GRID K1 card, which includes 4 graphic processors and 16 GB of memory, are designed to host the maximum number of concurrent users. They provide data center-class power efficiency.

Main Features	Benefits
■ NVIDIA GRID K1 card	■ Rich multimedia experiences as well as access to all application, including demanding 3D applications
■ 4 graphic processors and 16 GB DDR3 memory	■ Improve the productivity of all users and the access from anywhere on any device
■ GRID K1 enables GPU-capable virtualization	■ Virtualization Graphic Solutions with Citrix® XenDesktop™ / VMware ESXi and Windows RemoteFX
■ GRID K1 = 768 Cores	■ Add your most graphics-intensive users to your virtual solutions

Technical details

Technical details

Card category	Remote Graphics
Graphics memory size	16 GB DDR3 with ECC
Slot	PCIe 3.0 x16
Formfactor	Full height (double slot density)
Card notes	4x 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-E914	NVIDIA® GRID™ K1 16 GB	768 cores	16 GB DDR3 with ECC

Environment

Power consumption	130 W

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™ K1 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™ K1 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