FUJITSU

Data Sheet
FUJITSU PRIMERGY PGRA CP NVIDIA® NVS™ 315 1GB VGA PCIe x16

The new standard for Dual-display commercial graphics

The standard for MULTI-display commercial graphics delivers exceptional flexibility, scalability, and compatibility that make it easy to drive any kind of multi-display installation for your business.

Get the most from your existing display infrastructure. The graphic boards give you incredible flexibility, regardless of display connectivity and chassis size.

PRIMERGY PGRA CP NVIDIA® NVS™ 315 1GB VGA PCIe x16
The NVIDIA® NVS™ 315 graphic card delivers exceptional flexibility and compatibility that lets you get the most from your existing display infrastructure. Drive all your DisplayPort, DVI, and VGA displays, regardless of display connectivity or chassis size. Gather insights faster from an expanded workspace of multiple high-resolution displays and get three times more graphics cores than previous-generation NVS solutions for significantly improved visualization. Plus, take advantage of 1 GB of on-board frame buffer memory to interact with more visually compelling content on larger, high-resolution displays.

NVS boards are designed with simplified IT management in mind, including advanced tools that make integrating and maintaining a large-scale deployment fast and easy. Plus, they allow remote query and control of graphics and user display settings for systems spread across installations.

Main Features	Benefits
■ New standard of the NVIDIA NVS 315 for MULTI-display commercial graphics	■ NVIDIA® NVS™ graphics boards deliver exceptional flexibility, scalability, and compatibility for multi-display installation for your business.
■ 1024 MB DDR3 local frame buffer	■ Maximum resolution analog 2048 x 1536 at 85Hz
■ PCI Express 2.0 Compliance	■ Doubles the data transfer rate up to 5 GT/sec per lane for an aggregate bandwidth of 14 GB/sec bi-directional (7 GB/sec in each direction)
■ 1 GB DDR3 Dedicated GPU Memory	■ Delivers high throughput needed to interact with large textured models or display an HD video on each of the display outputs.
■ DMS-59 connection supports two DVI-I or VGA monitors	■ Dual-Head support for special graphics applications

Technical details

Technical details

Graphics memory size	1 GB DDR3
Graphics resolution	2,048 x 1,536 x 32bit@85Hz (analog) / 1,920 x 1,200 x 32bit@60Hz (digital)
Dual head function	Yes
3D graphics acceleration	Yes
Local OS	Windows Server and Enterprice Linux refer releases
KVM redirection	Requires external KVM switches
Power consumption	19,3 Watt
Graphics features	DirectX 11 OpenGL® 4.3 Shader Model 5
Processing Unit	48 GUDA Cores
Slot	PCIe 2.0 x16
Connectors on graphics board	1*DMS 59 (15pin VGA with included DVI/VGA converter)
Connectors after LFH splitter cable	2*DVI-I (15-pin VGA by using included DVI/VGA converter)
Shipped Adapters	1*LFH59 splitter cable +2*DVI/VGA converterS
Monitor combinations	Single/Dual VGA / DVI-D / DVI-A / DVI-I in every combination possible on each output
Dimensions (W x D in mm)	145 x 69
Cooling solution	Ultra quiet active fansink
Driver certification	Windows Server & Linux refer release notes
Graphics card notes	All resolutions dependent on display type 4:3 or 16:9 (additional resolutions possible depending on monitor edit data) Color depth (bit/pixels): 8/16/32

Order code	Formfactor
S26361-F2748-E538	Full height
S26361-F2748-E638	Low profile

Environment

Power consumption	19,3 Watt

Compliance

Europe	CE
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 PGRA CP NVIDIA® NVS™ 315 1GB VGA PCIe x16 , 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

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Software

www.fujitsu.com/software/

More information

Learn more about FUJITSU Server PRIMERGY PGRA CP NVIDIA® NVS™ 315 1GB VGA PCIe x16 , please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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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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