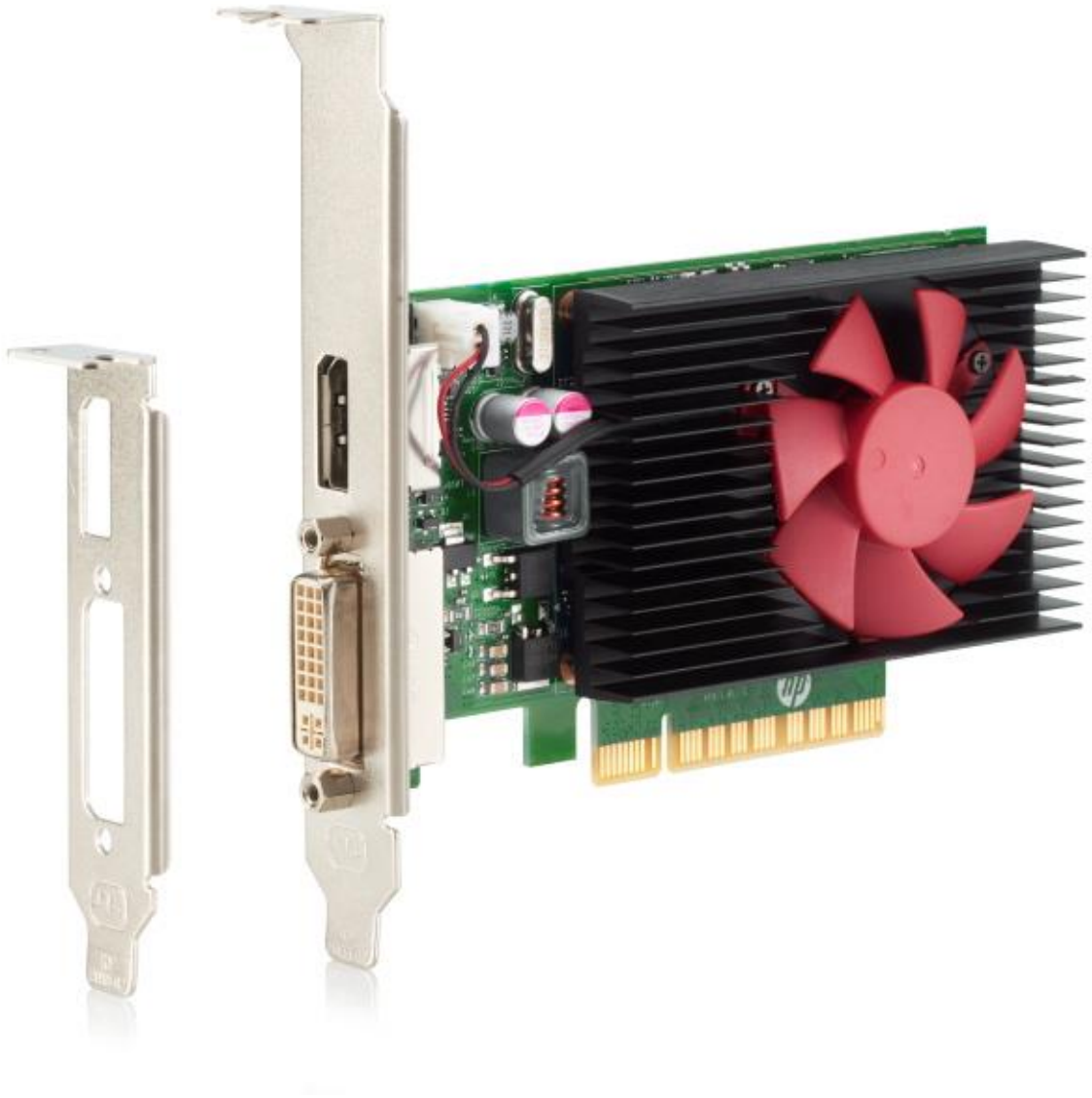


Overview

NVIDIA® GeForce® GT 730 2GB PCIe x8 Graphics Card



Models

NVIDIA® GeForce® GT 730 2GB PCIe x8 Graphics Card

N3R90AA

Overview

Introduction

Get impressive graphics and high resolution dual-display performance in a low profile, PCI Express x8 graphics add-in card based on the NVIDIA® Kepler™ Graphics Processor. Improve your everyday PC, Web conferencing, and video or photo editing.

Performance and Features

- Enjoy support for up to four displays from Dual-Link DVI and DisplayPort connectors.
- Eliminate the need to share PC system memory with 2 GB DDR3 dedicated on-board graphics frame buffer memory.
- Support your OpenGL 4.4 and DirectX 12 applications with compatibility integrated into the hardware.

Compatibility

The NVIDIA® GeForce® GT 730 2GB PCIe x8 Graphics Card is supported on the following platforms EliteDesk G2 800 SFF, EliteDesk G2 800 TWR, EliteDesk G2 705 SFF, EliteDesk G2 705 MT, ProDesk G2 600 SFF, ProDesk G2 600 MT, HP ProDesk 400 G3 SFF and HP ProDesk 400 G3 MT.

Service and Support

The NVIDIA® GeForce® GT 730 2GB PCIe x8 Graphics Card has a one-year limited warranty or the remainder of the warranty of the HP product in which it is installed. Technical support is available seven days a week, 24 hours a day by phone, as well as online support forums. Parts and labor are available on-site within the next business day. Telephone support is available for parts diagnosis and installation. Certain restrictions and exclusions apply.

Technical Specifications

Memory	2GB DDR3 64-bit wide frame buffer operating at 900 MHz
Controller Clock Speed	NVIDIA® Kepler™ GPU operating at 902 MHz
Multi-display Support	A maximum of 4 displays are supported by the card.
Graphics /API support	Supports Microsoft DirectX 12, OpenGL 4.4 and OpenCL 2 API, Shade Model 5, , and DirectCompute 11
Output Connectors	1 x Dual-Link DVI-I, 1x DisplayPort; Includes DVI to VGA adapter Display Port output is multi-mode capable, supports Audio, HBR2 and MST
Memory	2GB DDR3 64-bit wide frame buffer operating at 900 MHz

Supported Display Resolutions and Refresh Rates

Note: other resolutions may be available but are not recommended as they may not have been tested and qualified by HP

* >60 refresh rates only for analog (VGA) signaling

Resolution	Refresh Rate*	(DVI-VGA adapter) VGA	DVI-D	DisplayPort	Standard
640 x 480	60, 75, 85	X	X	X	VESA DMT, CVT 0.31M3
720 x 400	70	X	X	X	IBM VGA
800 x 600	60, 75, 85	X	X	X	VESA DMT, CVT0.48M3
1024 x 768	60, 75, 85	X	X	X	VESA DMT, CVT 0.79M3
1152 x 864	60, 75, 85	X	X	X	VESA DMT, CVT 0.83MA
1280 x 720	60, 75, 85	X	X	X	VESA DMT, CVT 0.92M9, CEA-770.3
1280 x 768	60, 60RB, 75, 85	X	X	X	VESA DMT, CVT 0.98M9/0.98M9-R
1280 x 800	60, 75, 85	X	X	X	VESA DMT
1280 x 960	60, 75, 85	X	X	X	VESA DMT
1280 x 1024	60, 75, 85	X	X	X	VESA DMT, CVT 1.31M4
1366 x 768	60, 60RB	X	X	X	VESA DMT
1440 x 900	60, 60RB	X	X	X	VESA DMT
1600 x 900	60, 60RB, 75, 85	X	X	X	VESA DMT
1680 x 1050	60, 60RB, 75	X	X	X	VESA DMT, CVT 1.76MA/1.76MA-R
1920 x 1080	60	X	X	X	VESA DMT, CVT 2.07M9, SMPTE 274M
1920 x 1200	60, 60RB, 75, 85	X	X	X	DMT, CVT 2.30MA/2.30MA-R
1600 x 1200	60, 75, 85	X	X	X	VESA DMT, 1.92M3
1920 x 1440	60, 75, 85	X	X	X	VESA DMT, CVT 2.76M3
2048 x 1536	60,75	X	X	X	CVT 3.15M3

Technical Specifications

2560 x 1440	59.951	X	X	CVT 3.69M9-R
2560 x 1600	60, 60RB	X	X	VESA DMT, CVT 4.10MA/4.10MA-R
3840 x 2160	24		X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M
3840 x 2160	25		X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M
3840 x 2160	30	X	X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M
3840 x 2160	60		X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M
4096 x 2160	24		X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
4096 x 2160	25		X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
4096 x 2160	30		X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
4096 x 2160	60		X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
1920 x 1080	60	X	X	VESA (SMPTE 274M)
1920 x 1080	50	X	X	SMPTE 274M
1920 x 1080	30	X	X	SMPTE 274M
1920 x 1080	24	X	X	SMPTE 274M
1280 x 720	60	X	X	VESA (CEA-770.3)
1280 x 720	50	X	X	SMPTE 296M
720 x 480	60	X	X	MHL (CEA-770.2)
720 x 576	50	X	X	ITU-R BT.1358
640 x 480	60	X	X	CEA (VESA DMT)

Agency Approvals

BSMI, CE, ACA, ICES/CISPR, KC, UL, VCCI

Available Graphics Drivers Power Consumption

Microsoft Windows 7x32, 7x64, 8.1x64, 10x64
27W Max average

Kit Contents

NVIDIA® GeForce® GT 730 2GB PCIe x8 Graphics Card, DVI-I to VGA adapter graphics card and documentation

Technical Specifications

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Technical Specifications

Date of change:	Version History:		Description of change:
October 12, 2015	From v1 to v2	Added	Card Image.
		Changed	Part number to N3R90AA and Compatibility.