

Overview

AMD® Radeon™ R9 350 2GB PCIe x16

Models

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N3R91AA

Introduction

Drive your everyday PC, Web conferencing, and video or photo content to up to four displays from one card with the AMD Radeon™ R9 350 2GB PCIe x16 Card.

Performance and Features

- Conveniently expand your connectivity to HDMI from the DisplayPort connector with an optional adapter.¹
- Experience peak bandwidth support from the full 16-lane PCIe 3.0 bus. Eliminate the need to share PC system memory with 2 GB of dedicated GDDR5 memory.
- Work with your familiar tools with a card that supports OpenGL 4.3 and DirectX 12 applications.

¹. Sold separately. See product QuickSpecs.

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Compatibility

The AMD® Radeon™ R9 350 2GB PCIe x16 is supported on the following platforms:

HP ProDesk400 G3 MT, HP ProDesk 600 G2 MT, HP EliteDesk 705 G2 MT, HP EliteDesk 800 G2 TWR

Service and Support

The AMD® Radeon™ R9 350 2GB PCIe x16 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.

Change Log

Memory	2GB 128-bit wide frame buffer operating at 1125MHz.
Controller Clock Speed	AMD® Radeon™ R9 350 GPU operating at 925 MHz
Multidisplay Support	A maximum of 4 displays are supported by the card. A maximum of 2 legacy displays (Native VGA, DVI, or displays connected with passive DisplayPort adapters are considered as legacy)
Graphics /API support	DIRECTX 12, Open GL 4.3, Open CL1.2, UVD 3
Shader Model Supported	Shader Model 5.0
Output Connectors	1 x Dual-Link DVI-I, 2x DisplayPort; Includes DVI-I to VGA adapter Display Port outputs are multi-mode capable, support Audio, HBR2 and MST

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

Change Log

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
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	50			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	50			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)

Agency Approvals

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

Available Graphics Drivers Power Consumption

Microsoft Windows 7x32, 7x64, 8.1x64, 10x64
58W Max average

Kit Contents

AMD® Radeon™ R9 350 2GB PCIe x16 card, DVI-I to VGA adapter are graphics card and documentation

Change Log

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Change Log

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From v1 to v2 October 28, 2015	
Changed	Multiple changes
From v2 to v3 December 16, 2015	
Changed	Directx support from 11.1 to 12