HP ATI FirePro V4800 1GB Graphics Card (WL049AA)

Overview

Introducing the FirePro V4800 workstations graphics accelerator from AMD. This entry workstation solution with 1GB of GDDR5 frame buffer memory is ideally suited for entry CAD users who work with larger models for complex and large data sets plus a 30-bit display pipeline for accurate color reproduction and superior visual quality. The ATI FirePro V4800 features three independent outputs with Eyefinity technology support, providing improvement to productivity at a much lower acquisition and operating cost. In addition, with native multi-card support, users can see more and do more using six displays being driven by two ATI FirePro V4800 products in the same HP Workstation.

Stellar performance in the 3D entry segment

Scalable ultra parallel processing architecture with 400 Stream cores

Simultaneously drive up to 3 independent 30 inch (76.2 cm) displays with Eyefinity technology. (Eyefinity supported on Win7, Vista, and Linux.)

Hardware acceleration of DirectX 11 & OpenGL 3.2 advanced features

Specifications

Minimum dimensions (W x D x H)	11.10 x 16.79 cm
Minimum dimensions (W x D x H)	4.37 x 6.61 in
Ports	2 DisplayPort; 1 dual link DVI Output *(DP to DVI adapter included)*
Warranty	The ATI FirePro V4800 has a three-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.
What's in the box	ATI FirePro V4800 1GB Graphics Card; DP to DVI adapter; documentation

Additional specifications

API supported	DirectX 11, OpenGL 3.2, OpenCL 1.03 and full implementation of DirectCompute 11 (OpenCL™ compliant driver and SDK release scheduled in 2010)
Compatibility	The ATI FirePro V4800 is supported on the following HP Personal Workstations: Z200, Z400, Z600 and Z800
Dual-link DVI	Yes
Graphic card RAMDAC	400 MHz DAC, 10-bit per channel
Graphic subsystem video card memory	1GB GDDR5 SDRAM
Graphics controller	ATI FirePro V4800 Graphics Card
Quickspec	http://h18000.www1.hp.com/products/quickspecs/13645_div/13645_div.HTML
Quickspec	http://h18000.www1.hp.com/products/quickspecs/13645_div/13645_div.pdf
Resolution (maximum analog)	2048 x 1536 @ 85Hz
Resolution (maximum digital)	2560 x 1600 @ 60Hz
Shading architecture	Support for Full Shader Model 5.0; Dynamic load balancing and resource allocation for vertex, geometry, and pixel shaders; Common instruction set and texture unit access supported for all types of shaders; Dedicated branch execution units and texture address processors; Anti-aliases Shaders and Textures as well as Polygon Edges
UNSPSC code	43201401
Video adapter, bus	PCI Express x 16, Generation 2.0

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