QuickSpecs

Overview

Models

AMD FirePro V5900 2GB Graphics   LS992AA

Introduction

The AMD FirePro™ V5900 professional graphics delivers remarkable performance in a single slot solution, making it a perfect solution for professionals working with a broad range of applications, moderately complex models and datasets, and advanced visual effects.

The AMD FirePro V5900 features 2GB of GDDR5 memory, 512 stream processors, and support for three simultaneous monitor outputs from a single graphics card with AMD Eyefinity technology.

Performance and Features

- Supports three independent displays with AMD Eyefinity Technology
- 2GB of high speed GDDR5 memory
- Parallel processing architecture featuring 512 stream processors
- GeometryBoost technology provides ultra-high geometry performance
- AMD PowerTune technology dynamically optimizes GPU power use
- AutoDetect Technology instinctively optimizes performance for multi-application workflow
- Optimized and certified for many CAD and DCC applications
- Full DirectX® 11 and OpenGL® 4.1 support
- PCI Express® 2.1 compliant

Compatibility

The FirePro V5900 is supported on the following HP Personal Workstations:
- Z800, Z600, Z400, and Z210
- Z820, Z620, Z420

Service and Support

The AMD FirePro V5900 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

Form Factor	Full-height, full length, single slot
Graphics Controller	AMD FirePro™ V5900 Professional Graphics
Bus Type	PCI Express™ x16, Generation 2.1
Memory	2GB GDDR5
Connectors	2 x Display Port 1.2 1 x Dual-link DVI One DP to DVI adapter included with card
Maximum Resolution	2560 x 1600
Display Output	Up to 3 simultaneous displays (using AMD Eyefinity with Windows 7 or Linux)
Shading Architecture	Shader Model 5.0
Supported Graphics APIs	DirectX 11 and OpenGL 4.1
Available Graphics Drivers	Genuine Windows 7 Professional (64-bit and 32-bit) Genuine Windows Vista Business (64-bit and 32-bit) Microsoft Windows XP Professional (64-bit and 32-bit) Red Hat Enterprise Linux(RHEL) SUSE Linux Enterprise Desktop 11 (64-bit and 32-bit) HP qualified drivers may be preloaded or available from the HP support Web site: http://welcome.hp.com/country/us/en/support.html
Power Consumption	< 75W
Note	AMD Eyefinity technology can support multiple displays using a single enabled AMD FirePro™ professional graphics card; the number of supported displays varies by card model. Microsoft® Windows® 7, Windows Vista®, or Linux® is required in order to support more than 2 displays. Depending on the card model, native DisplayPort™ connectors and/or certified DisplayPort™ active or passive adapters to convert your monitor's native input to your card's DisplayPort™ or Mini-DisplayPort™ connector(s) may be required. See www.amd.com/firepro for details.