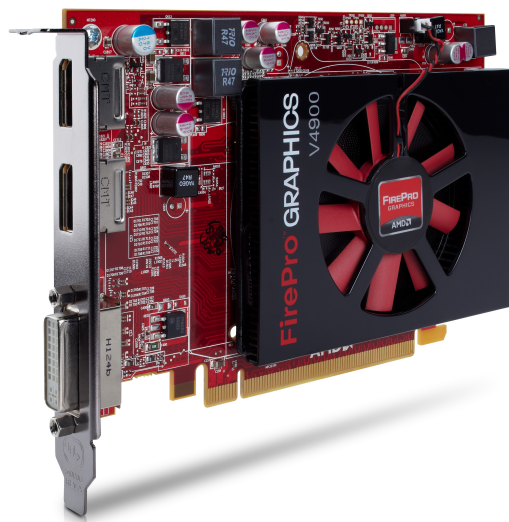


### Overview



### Models

AMD FirePro V4900 1GB Graphics Card

A3J92AA

### Introduction

Introducing the new AMD FirePro V4900 professional graphics - an entry level professional graphics solution using AMD's newest generation of graphics architecture. Offering strong performance and outstanding reliability, the AMD FirePro V4900 delivers features that professionals working with medium to large models have come to expect.

The AMD FirePro V4900 is powered by many exciting new features and technologies. Under the hood is a new generation GPU, backed by 480 Stream Processors and 1GB of blazing-fast GDDR5 memory. AMD's ultra-parallel processing architecture helps maximize throughput by dynamically directing graphics horsepower where it's needed, allowing you to create at the speed of thought.

### Performance and Features

- Outstanding performance for the entry level market
- Supports three independent displays with AMD Eyefinity Technology
- 1GB of high speed GDDR5 memory
- Parallel processing architecture featuring 480 stream processors
- Support for both dual-link DVI and DisplayPort connectivity
- AutoDetect Technology 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 ATI FirePro V4900 is supported on the following HP Personal Workstations:

- HP Z210, Z400, Z600, Z800
- HP Z420, Z620, Z820

### Overview

### Service and Support

The ATI FirePro V4900 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.

### Technical Specifications

<b>Form Factor</b>	Full height (4.37 in) , half length (6.61 in)
<b>Graphics Controller</b>	AMD FirePro™ V4900 Professional Graphics
<b>Bus Type</b>	PCI Express™ x16, Generation 2.1
<b>Memory</b>	1GB GDDR5
<b>Connectors</b>	2 DisplayPort, 1 dual link DVI Output, One DP to DVI adapter included
<b>Maximum Resolution</b>	Up to three digital displays at resolutions up to 2560 x 1600 @ 60Hz or up to three analog displays, one at resolutions up to 2048 x 1536 @ 85Hz, plus two resolutions up to 1920 x 1200 @ 60Hz (165 MHz dot clock) Note: This card supports up to three displays with Windows 7, Vista or Linux, and up to two displays on XP

### RAMDAC

**Image Quality Features** Up to 3 independent outputs with ATI Eyefinity technology support (More information at: [www.amd.com/us/products/technologies/eyefinity/](http://www.amd.com/us/products/technologies/eyefinity/)). Full 30-bit display pipeline. Advanced video capabilities, including high fidelity gamma, color correction and scaling. Dedicated hardware (UVD2) for H.264, VC-1, and MPEG2 decode  
**NOTE:** The use of more than two displays on Linux requires support for xrandr 1.2 or greater in the X server.

**Supported Graphics APIs** DirectX 11 and OpenGL 4.1.  
 OpenCL 1.2  
 DirectCompute 11

**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 the latest HP qualified drivers are 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](http://www.amd.com/firepro) for details.

© Copyright 2012 Hewlett-Packard Development Company, L.P.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. The information contained herein is subject to change without notice.