

better design, winning **con**cepts



Take design innovation to the next level and power your Autodesk design with the performance of the HP Z400 Workstation, robust AMD FirePro Professional Graphics, and the multi-screen productivity of AMD Eyefinity.

For HP recommended configurations and ordering information, please visit www.hp.com/go/firepro.

Work smarter with the HP Z400 Workstation and Autodesk® Product Design Suite

Engineering and design professionals work in demanding environments where productivity is crucial—getting designs done within fixed schedules is the name of the game. When hardware technology can help make projects run better, faster, and more smoothly, you can increase your productivity, accommodate more design iterations, and shorten schedules. It's a big win.

Autodesk Product Design Suite* is a set of design, visualization, and simulation software for your entire product design workflow, and it runs great on certified HP Workstations, especially the HP Z400 Workstation and HP EliteBook 8760w Mobile Workstation. Add AMD Eyefinity Technology¹ to the equation and you get up to four-display power and impressive graphics on top of a powerhouse workstation platform.

Experience the HP difference

HP Z Workstations are engineered to optimize the way hardware and software components work together, delivering whole-system computational power that makes 3D design and visualization faster and more efficient than ever before. With HP innovation you can enjoy next-generation technology, to help you create even the most complex designs. HP performance helps maximize productivity so you can beat deadlines and exceed expectations. HP reliability includes product testing for application performance and graphics and ISV certification so you can be confident in your HP and Autodesk solution.

See more, do more with AMD Eyefinity

Say goodbye to toggling between multiple applications. AMD Eyefinity Technology¹ helps broaden your horizons by enabling up to four-screen displays so you can run—and see—multiple applications simultaneously. With AMD Eyefinity, you can be as productive as possible. Dedicate individual screens to separate projects or a single screen to office productivity software. Maintain multiple screens for a single project, even get a panoramic view—the choices are limitless.



HP recommends Windows® 7.

Maximize your hardware and applications

Put the underlying power of HP Workstations at your fingertips. Included with each HP Workstation, HP Performance Advisor makes it easy to keep your professional applications running smoothly by:

- Providing a detailed configuration report so you can easily see what's on your system.

Keep your Autodesk® applications running smoothly.

- Organizing graphics driver certification information to help you make informed decisions when loading the latest drivers.
- Tracking memory use and graphically displaying how applications and processes use physical and virtual memory.
- Monitoring system resource usage over time to identify bottlenecks.

If problems arise, Autodesk and HP support staff can review your HP Performance Advisor configuration report. For more information see www.hp.com/go/performanceadvisor.

"HP Z400 Workstations lead in Inventor performance and provide the range of AMD graphics to fit your needs."

Daryl Corelli,
Autodesk Manufacturing
Application Specialist for
Digital Prototyping

workstations.tv



Watch the video of
Daryl Corelli on
Digital Prototyping

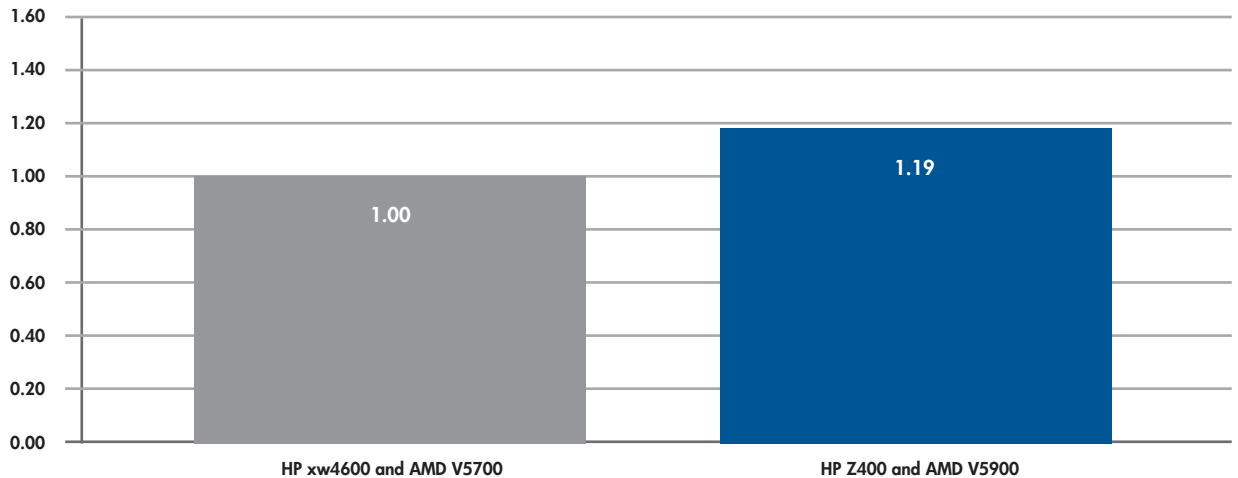
Choose HP leadership

HP Workstations and Mobile Workstations are the platform of choice within Autodesk. HP is a world leader in workstation design with powerful hardware platforms and HP-exclusive software solutions like HP Performance Advisor and HP Remote Graphics Software, which enables secure application sharing over a network connection.

Innovative chassis	Tool-less access, cooling features, ease of support
Performance	Latest Intel processors, AMD graphics, HP Performance Advisor
Collaboration	HP Remote Graphics Software
Visualization	HP Performance Monitors, AMD Eyefinity
Certification	Certified for Autodesk applications*
Benchmark data	Proven performance improvements

Get more performance—upgrade to an HP Z400 Workstation

HP xw4600 vs. HP Z400



This chart compares an HP Z400 Workstation running an Intel® Core™ 2 Duo Q9650 3.00 GHz quad-core processor^{2,4,5} to an HP xw4600, which is approximately two-year old technology, running an Intel® Xeon® W3680 3.33 GHz six-core processor^{2,4,5} so users can get an idea of the performance increase they might see by upgrading. Testing was run by HP Technical Marketing. All systems are running the Microsoft® Windows® 7 64-bit operating system and Autodesk Inventor® 2011.

Improve productivity and efficiency with the HP Z400 Workstation



HP Z400 Workstation

The HP Z400 Workstation is certified for Autodesk applications,* including those in the Autodesk® Product Design Suite. The HP Z400 leverages the latest Intel® Xeon® processors and is one of the first workstations to provide Intel Xeon E3-12X5 processors^{4,5} with Intel® Turbo Boost® Technology 2.0³ for that extra speed to help Autodesk Product Design Suite users improve their productivity and efficiency. HP Performance Advisor is included to help with driver installation and configuration questions, and the configuration reports can help Autodesk and HP support staff provide much quicker service and support if problem arise.

HP recommended configurations

HP Z400 Workstation

Genuine Windows® 7 Professional 64-bit**

Intel® Xeon® processor W3680, 3.33 GHz, 12 MB cache, 1333 MHz, Six-Core^{2,4,5}

12 GB DDR3 ECC memory⁶

1 TB 7200 SATA HDD⁷

AMD FirePro V5900

Three HP ZR24w 24-inch diagonal S-IPS LCD Monitors

HP SpacePilot Pro USB 3D

Get power, performance, and mobility with the HP EliteBook 8760w



HP EliteBook 8760w

The HP EliteBook 8760w featuring Microsoft® Windows® 7 offers the power and performance of 2nd Generation Intel® Core™ processors to run Autodesk Building Design Suite in a mobile form factor with an expansive 17-inch diagonal widescreen display. The HP EliteBook 8760w features easy upgradability, an intuitive touchpad, enhanced designed in durability, gunmetal casing, and military-grade testing⁸ to help ensure premium performance inside and out in demanding environments.

HP recommended configurations

HP EliteBook 8760w Mobile Workstation

Genuine Windows® 7 Professional 64-bit**

Intel® Core™ i7-2630QM processor, 2.0 GHz, 6 MB cache^{2,4,5}

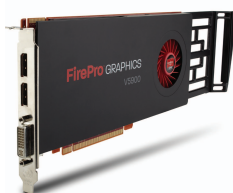
8 GB DDR3 memory⁶

500 GB hard drive⁷

AMD FireGL M5950

HP recommends the 17.3-inch diagonal LED-backlit WVA anti-glare, FHD (1920x1080) display

AMD Graphics deliver innovation and reliability



AMD FirePro V5900

AMD FirePro professional graphics cards deliver innovation and reliability for a wide range of professional operating environments. The unified driver, which supports all AMD FirePro professional graphics, helps reduce the total cost of ownership by simplifying installation, deployment, and maintenance. The AMD FirePro V5900 supports AMD Eyefinity Technology¹ and helps improve productivity. AMD FirePro M5950 Mobility Professional Graphics feature AMD Catalyst professional graphics drivers, which enable outstanding performance for many major CAD applications.

HP recommends Windows® 7.



Bring it all together in a powerful software suite

HP Workstations and AMD Professional Graphics technologies help you maximize the tools in Autodesk® Product Design Suite, an ideal set of design, visualization, and simulation software for your entire product design workflow that is available in three editions: Standard, Premium, and Ultimate—each designed for a specific user skill set and need.

Autodesk Product Design Suite

	Standard	Premium	Ultimate
AutoCAD® Mechanical	•	•	•
Showcase®	•	•	•
Sketchbook® Designer	•	•	•
Vault	•	•	•
Mudbox®	•	•	•
3ds Max® Design		•	•
Inventor®		•	•
Alias® Design			•

HP Workstations pricing as low as \$999***

For HP recommended configurations and ordering information, please visit www.hp.com/go/firepro.

Image courtesy of Dynamic Structures, Inc. Autodesk Product Design Suite images courtesy of Autodesk.

- * AMD FirePro V5900 meets recommended system requirements for Autodesk Product Design Suite and earned Recommended status in Autodesk graphics testing. To learn more about Autodesk graphics certification, go to <http://usa.autodesk.com/adsk/servlet/index?siteID=123112&id=16318527>
 - ** Windows 7 systems may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See www.microsoft.com/windows/windows-7 for details.
 - *** HP is not liable for pricing errors. If you place an order for a product that was incorrectly priced, we will cancel your order and credit you for any charges. In the event that we inadvertently ship an order based on a pricing error, we will issue a revised invoice to you for the correct price and contact you to obtain your authorization for the additional charge, or assist you with return of the product. If the pricing error results in an overcharge to you, HP will credit your account for the amount overcharged.
- 1 AMD Eyefinity technology can support multiple displays using a single enabled ATI 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.
 - 2 Quad-Core technologies are designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefits; not all customers or software applications will necessarily benefit from use of these technologies.
 - 3 Enabling Intel® Turbo Boost Technology (Intel® TBT) requires a PC with a processor with Intel TBT capability. Intel TBT performance varies depending on hardware, software, and overall system configuration. For more information, see www.intel.com/technology/turboboost.
 - 4 Intel's numbering is not a measurement of higher performance.
 - 5 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See <http://www.intel.com/info/em64t> for more information.
 - 6 Each processor supports up to 2 channels (HP Z400) of DDR3 memory. To realize full performance at least 1 DIMM must be inserted into each channel. To get full 6 channel support, 2 processors MUST be installed.
 - 7 For hard drives, 1 GB = 1 billion bytes. 1 TB = 1 trillion bytes. Actual formatted capacity is less. Up to 20 GB of hard drive (or system disk) is reserved for the system recovery software for Windows 7.
 - 8 Testing was not intended to demonstrate fitness for DOD contracts requirements or for military use. Test results are not a guarantee of future performance under these test conditions.

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