



HP ELITEBOOK MOBILE WORKSTATIONS

HIGH-PERFORMANCE PROCESSING AND PROFESSIONAL GRAPHICS
IN A BUSINESS-RUGGED DESIGN



TECHNOLOGY SPOTLIGHT

LEADING TECHNOLOGIES FOR HP MOBILE WORKSTATIONS

BE READY TO WORK, WHEREVER BUSINESS TAKES YOU.

For engineers, designers, developers and others who work with graphically intensive applications, the world is constantly changing. If you work in one of these dynamic fields, you need to be ready to work wherever business takes you.

HP EliteBook Mobile Workstations help you get the job done. These workstations arm you with HP's best combination of high performance processing and ISV certified, professional graphics solutions in a business-rugged design. You'll work confidently and fast with a mobile workstation that enables your business to work more efficiently.

You will also gain security enhancements and wireless features^{6,7} that help you complete tasks in more places than ever with the assurance that your work has enhanced security.

THE HP MOBILE WORKSTATION ADVANTAGE

HP Mobile Workstations deliver a robust feature set that goes far beyond that of the typical notebook. They include professional graphics solutions, certifications from leading independent software vendors (ISVs), HP performance management tools and a rich mix of embedded technologies.



Professional graphics

With an HP Mobile Workstation, you can maximize onscreen performance with AMD or NVIDIA professional graphics solutions that are tested and certified to reliably run the most demanding professional applications.

HP Mobile Workstations provide full OpenGL drivers, which enable integration between hardware and software. They also offer support for DirectX 11 graphics from Microsoft®.¹

Need multiple monitors to do your job? HP Mobile Workstations with AMD graphics cards offer AMD Eyefinity Technology.² With this technology and an optional HP Advanced Docking Station,³ you can simultaneously support up to five independent displays on the HP EliteBook 8760w (17.3-inch diagonal display) and the HP EliteBook 8560w (15.6-inch diagonal display), and up to four independent displays on the HP EliteBook 8460w (14.0-inch diagonal display). You can group multiple displays together to form a large viewing surface or use them independently to see different data on various screens simultaneously. Either way, you can have the ultimate computing experience.

Alternatively, the NVIDIA graphics cards available on the HP EliteBook 8760w and HP EliteBook 8560w feature NVIDIA Quadro graphics processing units (GPUs), built on the innovative NVIDIA Fermi architecture. Integrating true technological breakthroughs, Quadro GPUs are great for computational simulation across a broad range of design, animation and video applications.

ISV certifications

HP works closely with leading ISVs to test and certify software applications on HP Mobile Workstations. Applications from Adobe®, SolidWorks, Bentley, Avid, Autodesk and numerous other ISVs are subject to the same rigorous testing used for our desk-side workstations.

This ISV certification gives you the confidence that your system will deliver a high degree of reliability, fast transfer speeds and manipulation of 3D textures. You can rest assured that your workstation applications will run reliably at top performance on your HP Mobile Workstation.

HP recommends Windows®.



HP Performance Advisor

Ever wish you had a technical expert on hand to professionally set up and fine-tune your workstation? With HP Performance Advisor, you get the next best thing. This program helps you keep your applications running fast and smoothly.

Just launch HP Performance Advisor anytime you want to check on the health of your system. With just a few clicks of a mouse, you can determine what's working great and what's not, and gain the information you need to improve your system's stability and performance.

This ultra-savvy software wizard also helps you stay on top of changes to your working environment, such as the installation of a new application, driver, font or widget. It allows you to optimize your system for each new application and driver you install. When you make changes, HP Performance Advisor allows you to reallocate resources, monitor memory usage and eliminate conflicts.

LEADING TECHNOLOGIES

HP Mobile Workstations are packed with a wide range of technologies that work together to bring you a richer, faster, more efficient work environment. Here are a few of these technologies.

New Intel processors

HP Mobile Workstations are built around a new Intel architecture featuring second-generation Intel® Core™ i7 and i5 processors.⁴ This architecture delivers incredible performance, responsiveness and enhanced graphics. Whether you're creating or consuming content, you gain the power to quickly edit, transfer and share content.

You also benefit from exciting processor performance features like Intel® Turbo Boost Technology 2.0.⁵ It intelligently allocates an extra burst of processing power to applications that need it the most, helping boost performance.

Running memory-hungry applications? The HP EliteBook 8760w and HP EliteBook 8560w support up to 32 gigabytes of RAM⁸ in four DIMM slots when configured with quad-core processors and 64-bit operating systems. You can run more tasks, processes and applications simultaneously with these HP Mobile Workstations, which bring together and optimize multi-core processors, up to four SODIMMS⁸ (small outline dual in-line memory modules) and professional graphics.



HP DreamColor Technology

For color you can believe in, choose HP DreamColor Technology⁹ on the HP EliteBook 8760w and HP EliteBook 8560w Mobile Workstations. HP DreamColor Technology improves color matching from vision to production, so you easily get accurate, consistent color across a variety of devices (including your display and printer), while avoiding tedious color checks by your staff.

The HP Mobile Display Assistant is a software application that allows users of HP EliteBook Mobile Workstations⁹ with DreamColor to quickly select a desired pre set color space, define a custom color space and control other attributes of the display, such as brightness, color temperature and gamma. With this application and your HP DreamColor mobile workstation, you have extensive capabilities to control the color critical attributes of your development environment.



USB 3.0 and eSATA

HP Mobile Workstations help you keep data moving with USB 3.0 and eSATA (external SATA) technologies. A new generation of the widely used USB technology, USB 3.0 is faster than USB 2.0. eSATA technology is designed to deliver fast transfer rates between a system and external storage devices.

Both USB 3.0 and eSATA are ideal for photographers, videographers and other professionals who want to shoot and edit footage in the field, rather than waiting to return to the office. The faster transfer rates help decrease project time and increase productivity.



LEVERAGE THE POWER OF INNOVATION.

HP Mobile Workstations combine the most advanced processing power, ISV certified graphics and innovations. The result? Professionals can create and edit high end graphics on their HP Mobile Workstations whether they're finishing a photo shoot or sharing design concepts with a client. Plus, the new chiseled design radiates performance and durability.

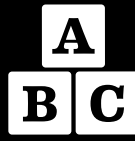
In short, HP Mobile Workstations and the innovations they offer help keep you productive in more places than ever.

To learn more, visit www.hp.com/go/mobileworkstations.

LOOK FOR THESE INNOVATIONS ON HP BUSINESS NOTEBOOKS.



PROTECT



SIMPLE



RELIABLE

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1. DirectX 11 only applies to AMD GPU. DirectX® 10 or later requires Windows Vista® or later. Windows 7 will support older DirectX 9 adapters using a WDDM v1.0 (Vista) driver. DirectX 10 requires a WDDM v1.1 (Windows 7) compliant driver.
2. Requires AMD discrete graphics.
3. Sold separately or as an optional feature.
4. 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 www.intel.com/info/em64t for more information. Quad Core is designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefit. Not all customers or software applications will necessarily benefit from use of this technology. Intel's numbering is not a measurement of higher performance.
5. Intel® Turbo Boost 2.0 technology requires a PC with a processor with Intel Turbo Boost 2.0 capability. Intel Turbo Boost 2.0 performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
6. Wireless use requires separately purchased service contract. Check with your local vendor for coverage area and availability in your area. Connection and speeds will vary due to location, environment, network conditions, and other factors.
7. Broadband is optional and requires separately purchased service contract. Check with service provider for coverage and availability in your area.
8. Maximum memory capacities assume Windows 64-bit operating systems. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
9. DreamColor Technology is not available on the HP EliteBook 8460w.

To learn more, visit www.hp.com/go/mobileworkstations.

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