HP WORKSTATIONS FOR HEALTHCARE

HP recommends Windows Vista® Business

With the medical industry now pushing for a digitized standard for medical records, you should start investing now in the IT infrastructure that will take you forward. HP Workstations are the workhorses behind many leading OEM solutions already in place throughout the healthcare industry. As a leading medical imaging hardware platform, clinicians and diagnosticians worldwide depend on HP Workstations for:

- Rapid, accurate, and timely acquisition and analysis of CT, MRI, and PET Imaging results
- Import and export of radiology data to and from external archival or image archive systems
- Collaboration and review of medical imaging data
- Reliability that's second to none

Those same HP Workstations can revolutionize your return on innovation and help you get a jump on the industry by migrating from 2D and analog records to 3D and digital. There's no better time to invest in the infrastructure to make that happen than right now. The all-new HP Z Workstations are engineered to optimize the way the processor, memory, graphics, operating system, and software components work together to deliver a massive, whole-system computational power that helps you maximize your IT investment and accomplish more with every minute of your time.

Why HP Workstations
HP Workstations offer the power, performance, and efficiency you need to help yield faster results, greater precision, and increased savings while laying the groundwork for a stable infrastructure that will take you into the future.

HP Workstation Family
The next-generation HP Z Workstations combine bold design, best-in-class engineering, energy efficiency, and robust tools to help you yield the greatest return on your investment with innovation, performance, and reliability that goes to the next level so you can migrate to 2D and 3D digital record-keeping today.

HP Z400 Workstation
With its revolutionary new architecture and bold new industrial design, the HP Z400 Workstation helps you accomplish more with every dollar of your investment. The HP Z400 offers your choice of the latest Dual- and Quad-Core[1] Intel® Xeon® processors[2] and big capacity for bigger challenges, with up to 16 GB of faster DDR3[3] memory and RAID hard drives up to 4 TB[4].

HP Z600 Workstation
The HP Z600 packs eight-core compute and visualization power into a small, quiet package—for the ideal workstation when every inch, watt, and decibel make a difference. HP's quietest workstation, the HP Z600 is designed to fit in compact work spaces where real estate is at a premium and minimizing system noise is paramount. This workstation offers your choice of the latest Quad-Core[1] Intel® Xeon® processors[2] and capacity for increasingly bigger applications and data sets, with up to 24 GB of high-speed DDR3[3] memory and RAID hard drives up to 4.5 TB[4].

Z800 Workstation
The HP Z800 Workstation delivers ultimate performance with the extreme speed and massive expandability that you demand to handle your biggest challenges and transmit the highest-resolution 3D images. Offering your choice of the latest Quad-Core[1] Intel® Xeon® processors[2], the HP Z800 can parse the largest applications and data sets with up to 192 GB of high-speed DDR3[3] memory and RAID hard drives up to 7.5 TB[4].

Other HP Workstation solutions
The HP Workstation Family also includes an AMD-based personal workstation, a blade workstation, and two Intel-based mobile workstations, as well as personal connectivity software.

HP xw9400 Workstation
The HP xw9400 Workstation delivers uncompromised performance so you can tackle large-scale challenges with fast analysis turnaround and maximum expandability that helps you realize greater time and cost savings and future readiness. The low-acoustic and space-efficient design optimizes your work environment with thermal efficiency and less noise, while optional HP Liquid Cooling delivers high-performance at improved acoustic levels.

HP Elitebook Mobile Workstations
The HP Elitebook 8530w and 8730w Mobile Workstations redefine power on the move by combining the best in visualization and computational power with a 15- or 17-inch diagonal widescreen display to offer high-performance mobile computing when you need maximum power for reviewing and evaluating data on the fly.

HP xw460c Blade Workstation
The HP xw460c Blade Workstation leverages HP remote technologies to support remote sites, protect intellectual property and patient data, eliminate loading large files over the network, centralize databases, and minimize total cost of ownership while bringing serious innovation to healthcare IT.

HP Remote Graphics Software
HP Remote Graphics Software (RGS) is an advanced utility that allows you to remotely access and share your workstation, its 3D graphics power, and all of its applications with other parties, anywhere you have an Internet connection. Using HP compression technology, HP RGS minimizes network usage and enables remote access without compromising performance or image quality. Use HP RGS for real-time sharing of high-resolution 3D imagery to speed test result evaluations and diagnoses by medical personnel in different offices, on different floors, or even in different cities.

Innovation, performance, and reliability to help you lay the groundwork for a stable infrastructure that will take you into the future.

Why HP Workstations

Feature	Description	Benefit for healthcare
High quality graphics	• Dual graphics support that drives up to eight displays • Entirely new line of professional 2D and 3D graphics from NVIDIA and ATI	• Visual accuracy and image clarity you require for accurate and speedy diagnoses
High performance	• Revolutionary new Intel® QuickPath Architecture • Wide selection of Dual- and Quad-Core[1] Intel® Xeon® processors[2]	• Power through increasingly bigger applications and datasets • Faster time to results • Improved patient quality of care • ECC memory helps ensure accuracy and reliability of results to mitigate risk
Healthcare ISV certifications	• HP Workstations are developed hand-in-hand with application software companies	• Get right to work without spending valuable time testing your software to see "if" it works
Quiet, energy-efficient operation	• ENERGY STAR® qualified configurations • 85% or 88% efficient power supplies (varies by model) • HP WattSaver, an HP-developed energy-saving feature, helps lower energy consumption in off mode • Quiet acoustic design	• Minimize power and cooling costs • Focus on your work, not your environment
Long product lifecycles	• HP products are managed with lifecycles measured in years	• Maintain software image stability • Optimize your testing and certification processes • Transition smoothly as new technologies and architectures are introduced
Extraordinary ease of service	• Tool-free chassis • Uncluttered and highly streamlined internal design • Modular, direct connect drives and power supplies	• Add or change components, from hard drives to power supplies, in seconds • Reduced downtime = lower TCO
HP high-performance monitors	• Range of high-performance monitors offers wide viewing angles and DVI, HDMI, and DisplayPort connectivity (varies by monitor) • Available in traditional and widescreen in 19- to 30-diagonal inches • Available in traditional and wide-aspect screens ranging from 19 to 30 diagonal inches	• High-definition 3D imaging • Color-critical display of test results

HP advantage

HP wants to make sure you get the most from your hardware and maximum return on your investment. When you buy a workstation from HP, it's backed by:

- In-depth testing and quality assurance to keep you productively up-and-running
- HP Performance Tuning Framework to help ease configuration and updates while optimizing a range of applications
- HP Vision Field Diagnostics, an easy-to-use system diagnostics tool that runs outside the OS to quickly capture complete system configuration data that you can share with IT personnel
- Comprehensive, lifetime HP Total Care options, easy HP financing solutions, and an array of monitors and other accessories that make HP Workstations easy to own and use

For more information about how HP Workstations can help you yield the biggest return on innovation for your business so you can move to digital health records right now, please visit www.hp.com/go/workstations.

[1] Dual- and 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.

[2] 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.

[3] Each processor supports up to 3 channels of DDR3 memory. To get full 6 channel support on the HP Z600 and Z800, 2 processors MUST be installed.

[4] For hard drives, 1 GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 8 GB of hard drive (or system disk) is reserved for the system recovery software (XP and XP Pro). Up to 12 GB of system disk is reserved for system recovery software. (Vista).

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