Stay ahead of your PACS environment with HP Workstations.

Advances in clinical applications and workflow management tools have transformed the picture archiving and communication system (PACS) into a crucial decision-support system that requires robust performance from integrated workstations. HP helps you meet the challenge with a portfolio of workstations built with PACS in mind*. Widely used in healthcare environments around the world, select HP Workstations* are FDA registered 892.2010 Class I devices and deliver proven performance, reliability, and expandability for your PACS. Moreover, HP Workstations are designed to provide extremely efficient heat removal from processors, reduce overall acoustic output levels, and support graphics cards that drive multiple high-end monitors. In short, the HP Workstations are a natural fit for your PACS environment.

Why HP Workstations
HP Workstations offer the power, performance, and efficiency you need to 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
HP Z Workstations combine bold design, best-in-class engineering, energy efficiency, and robust tools to help you get the greatest return on your investment with innovation, performance, and reliability that goes beyond a typical PC.
HP recommends Windows.

“We needed workstations that were designed with performance as a driving goal. And I believe that HP Workstations deliver great performance for the money.”
—Andrew Willy, Information Systems Manager, Scottsdale Medical Imaging

Digitalize, virtualize, maximize

Your digital workflow
HP Workstations can revolutionize your workflow, help you migrate your 2D and analog records to 3D and digital, and prepare you for future technology developments. HP Z Workstations are engineered to optimize the way the processor, memory, graphics, operating system and software components work together to deliver massive, whole-system computational power that helps you maximize your IT investment and accomplish more with every minute of your time.

HP Z420 CMT and HP Z220 SFF Workstation
Our most affordable workstations. >> The HP Z420 CMT Workstation delivers excellent performance, providing the workstation power needed for 2D and 3D applications. It provides ECC memory for users with larger files and is expandable up to midrange graphics for even more 3D performance capability. The HP Z420 Small Form Factor (SFF) Workstation is surprisingly nimble, dynamic and affordable. It is well-suited to compact work environments such as doctor review stations. The HP Z420 Workstations offer 20 to 67 percent performance improvement over the predecessor series products. Aggressively-priced, the HP Z420 Workstations provide a workstation class experience with cost savings.

HP Z220 Workstation
Our ultimate workstation. >> The HP Z220 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 six-core Intel® Xeon® processors, the HP Z220 can parse the largest applications and data sets with up to 192 GB of high-speed DDR3 memory.

HP Performance Advisor
The built-in workstation guru. >> HP Performance Advisor delivers a simple, effective way to keep your HP Workstation operating at its peak potential. Like having an IT pro always on hand, this helpful software wizard can take you from initial configuration and customization through the optimization of your system for each new application and driver you install.

Remote Graphics Software
Remote access with a “just like local” feel. >> HP Remote Graphics Software gives you high-performance remote desktop access to your 2D, 3D, video, and media-rich applications—when and where you need them, on-site or from a remote location through a standard Internet connection. This HP innovation allows you to collaborate with colleagues across geographies, in real-time, using content-rich interactive applications.

Why HP Workstations
Innovation, performance, and reliability to help you create a stable, future-ready infrastructure and increase your productivity.

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<td>FDA Registered Devices requirements</td>
<td>• Select HP Z Workstations are FDA Class I Registered Medical Devices”</td>
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<td>Certified medical diagnostic monitors from industry leaders</td>
<td>• Tested with HP Workstations</td>
<td>• Transition smoothly as new technologies and architectures are introduced</td>
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• Buy exactly what you need
• Transition smoothly as new technologies and architectures are introduced
• Add or change components, from hard drives to power supplies, in seconds
• Improved patient quality of care
• Mitigate risk

Certified medical diagnostic monitors from industry leaders
- Test with HP Workstations
- DICOM compliant
- FDA approved diagnostic monitors are available from Barco, Eizo, NDSi/Dome

• Exceptional detail accuracy

3D images. Offering your choice of the latest six-core Intel® Xeon® processors and capacity for increasingly bigger applications and data sets with up to 64 GB of faster DDR3 memory.

HP Z820 Workstation
The HP Z820 Workstation is surprisingly nimble, dynamic and affordable. HP’s quietest workstation, the HP Z820 delivers the workstation power needed for 2D and 3D applications—when and where you need them, on-site or from a remote location through an Internet connection. This HP innovation allows you to collaborate with colleagues across geographies, in real-time, using content-rich interactive applications.

Remote Graphics Software
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Each processor supports up to 2 (HP Z220 CMT/HP Z220 SFF) or 3 (HP Z420/HP Z620/HP Z820) channels 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.

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.

Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel’s numbering is not a measurement of higher performance.

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. Up to 20 GB of system disk (for Windows 7) is reserved for system recovery software.

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Learn more
hp.com/go/wshealthcare and hp.com/zworkstations

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