

HP for healthcare

Operate at a higher level with advanced technology and support from HP

HP recommends
Windows Vista® Business



Why HP for healthcare?

As a healthcare provider, you are challenged with both internal and external pressures to provide quality care to patients in an effective and timely manner. An aging population brings increased demand for collaboration and management of patient information. Healthcare organizations need to capture, access and review patient data in real-time, and HP is dedicated to helping you do just that.

HP has aligned an industry focus to provide integrated solutions that enable players and data sets across the total health chain to collaborate and manage information effectively. HP has been recognized as an innovative leader in advancing the adoption of automation across the continuum of care.

Steady solutions for steadfast care

Accelerate the transition from analog to digital data and processes with HP technology that allows you to easily capture information at the point-of-care. This leads to a safer, more secure and more productive environment for both patients and healthcare professionals.

Coupling HP technology with leading industry partners can help you improve operational efficiencies, consolidate and integrate technology and mitigate risks.

HP delivers a broad range of dependable technology and innovative solutions that healthcare professionals can trust for their IT environments, no matter how complex or diverse.

Function in the now with HP notebooks and iPAQs

In healthcare, there is a need for immediate access to information at the point-of-care and for clear communication between clinicians, physicians, nurses and patients. Healthcare professionals are pushed to streamline workflow while improving the patient experience and quality of care delivered.

Mobility and point-of-care notebooks and handhelds with wireless connectivity^{1,2} extend the healthcare boundary. With lightweight designs, data security features and industry-leading battery life, HP Business Notebooks give you the ability to utilize clinical applications, access electronic medical records and attend to patients' needs more efficiently.

HP Business Notebook PCs offer a balance of performance and mobility in your choice of form factors with features that can meet your specific healthcare needs. Our **HP 6720t Mobile Thin Client** provides enhanced security access to server-based, virtual PC or blade PC computing solutions while still providing the mobility of a notebook. The **HP 2710p Tablet PC** features durability and portability with a starting weight of just 3.7 lbs, a high quality glass top and an extended battery life.

HP notebooks provide:

- **Enhanced mobility:** Less time spent at your desk means more time for more patients. Give yourself the freedom to treat patients at bedside when you access patient data via a wireless network and an Electronic Medical Record system. Upload lab results, write prescriptions and orders, access schedules and medical records while on-the-go.



- **Security:** Data protection is a key challenge with mobile systems. HP provides protection and better management of patient data through a variety of solutions. Authorized access can be controlled through implementing the various HP authentication protocols, including advanced biometric security systems.
- **Energy efficiency:** HP technology has a variety of environmental features that allow our systems to meet the most stringent environmental requirements of the EPEAT™ Gold registry. HP thin clients provide an alternative “lower-power device” with no fans or moving parts.

In addition to notebooks, the handheld PC has a proven track record with ultra-mobile healthcare professionals. HP offers the connectivity, mobile features, security and trusted reliability needed to meet the demands of the healthcare industry.

The **HP iPAQ 110 Classic Handheld** and **iPAQ 210 Enterprise Handheld** fit into the pocket of your lab coat, yet allow access to applications, schedules, patient records, lab results, reference data, drug formularies and more. Just think how easy it would be to write e-prescriptions and orders from this device while simultaneously minimizing the risk for errors.²

Imagine the day when you and your staff are using mobile device technology that:

- Provides superior clarity in viewing with 3.5” and 4” transreflective TFT screens, respectively.
- Connects to 802.11g Wi-Fi¹ networks with WPA2 Enterprise (EPTLS and PEAP) encryption.
- Includes a CPU with next-generation PXA310 processor, instead of the more common PXA270, for fast processing and enough memory to run your critical applications.

- Provides multiple interfaces for expansion and data transfer capabilities.
- Provides access to the Internet and email so your practice is connected when needed.¹
- Gives you quick access to the data you need to make decisions for your patients, helping to enhance patient care.
- Is easy to use, with a touch screen and navigation wheel.

HP's Enterprise Mobility Suite (EMS) is well positioned for healthcare organizations that need to manage their staff's wireless handheld devices. With EMS, you can help improve security of patient data, reduce support costs and improve user satisfaction and productivity. For more details, go to www.hp.com/go/ems.

HP iPAQ Custom Touch service enables you to customize device and image requirements to best fits the needs of your practice or hospital.

Maximize workspace with HP Business Desktop PCs

In a healthcare environment, space savings, data security, power compliance and information presentation are all prime concerns. HP Business Desktop PCs cover your demanding needs, from point-of-care information systems to laboratories. Our desktops also provide quality components, energy efficient design and space-saving form factors, which are factory configured for usability, reliability and performance.

Select desktops, like the **HP dc7800 Ultra-slim Business Desktop PC** provide remarkable space-saving solutions to relieve space constraints in nursing stations and exam rooms by being mounted on a wall or underneath a desk. With built-in versatility, this ultra-slim desktop with wireless capabilities¹ can be mounted on a healthcare cart to offer a great mobility solution.

HP Business Desktop PCs, provide flexibility so they can be successfully incorporated into healthcare environments and meet their unique demands by offering:

- **Choice in design:** With three different families of products, AMD and Intel processors and multiple form factors, HP can create a PC that corresponds specifically to your needs.
- **Energy efficient designs:** All HP Business Desktop PCs are EPEAT™ Gold rated. Select models offer up to 80% energy efficient power supplies and are ENERGY STAR® qualified to reduce power consumption and help save on energy costs. This frees up your budget so you can spend more on patient care.³
- **Integrated dual display capability:** Allows for increased productivity, such as the ability to read a patient's chart while inputting a medical order to a different department based upon that chart.

"The most striking difference for me is that I'm using my time more efficiently. As we continue to broaden the patient information base, having immediate access to data and schedules becomes increasingly important."

Richard Hogan, MD
Internist, Heritage Valley Health System

- **Longer lifecycles:** The **HP rp5700 Long Lifecycle Desktop PC** has an extremely long (60 month) lifecycle that helps minimize disruption to your business and reduces the costs of re-qualifying images.
- **Quieter workspaces:** AMD's 'Cool 'n' Quiet' processors can help reduce processor heat and offer a quieter work environment for improved productivity.
- **Enhanced security:** HP's custom BIOS and HP Services, such as data security and backup solutions, help secure patient records and support business processes to assist in HIPAA compliance.
- **Adjustable fan speeds & temperature sensors:** By monitoring heat output and fan use, you can maximize operating efficiency, reduce unnecessary fan noise and maintain the life of your desktop.

Save time and data with HP Blade PCs

HP Blade PC solutions move the patient data completely off the desktop and minimize the potential for data loss. In addition to improved security, HP Blade PC solutions provide better manageability and help lower total cost of ownership (TCO).

Blade PCs provide your staff freedom to move from floor to floor and the ability to service more patients, with ready access to PC functionality:

- **Greater flexibility:** Give staff more time with patients by allowing them to stay in motion and instantly reconnect to their already active session from any location with follow-me roaming.
- **Increased security and manageability:** Mitigate the risks of viruses, theft, end user downtime and data loss by consolidating valuable assets and data in the data center where they can be better secured and easily managed.
- **Energy efficiency:** Reduce total cost of ownership by significantly lowering power consumption and the need for desk side support by installing HP Thin Clients in the client environment.

“The Blade PCs can save a physician multiple minutes per patient encounter throughout the day. With that savings, I might be able to schedule another patient during the day—or maybe just get home earlier and spend time with my family.”

Brad Clegg, DO
Physician, Metro Health

Enhanced security for advanced operations with HP Thin Clients

HP Thin Client solutions, including the new HP Mobile Thin Clients, can aid in overall cost savings without sacrificing the security you need to protect patients' critical records. Thin Clients reduce the burden of daily backups, maintenance and software installation, while allowing skilled staff quicker and easier access to clinical software, so you can get back to caring for your patients. HP Thin Clients can simplify the way healthcare organizations function by:

- **Centralizing management and deployment:** One IT professional can easily manage up to thousands of individual devices, while virus outbreaks can quickly and more easily be contained.
- **Aiding in HIPAA compliance:** Because data is server-centralized, your ability to keep patient and other sensitive data more secure and compliant with HIPAA requirements is vastly improved.
- **Protecting your data:** Help ensure that your sensitive information stays protected. There is no data on a thin client, so if your system disappears overnight, data security is not a concern.
- **Improving quality and reliability:** Spill-resistant keyboards and a magnesium alloy structure allow for sturdier systems. Greater reliability means less per-terminal support time.
- **More options:** HP provides the opportunity to double the RAM and double the flash memory.

Demanding applications demand HP Workstations

Get high-end functionality for your healthcare organization. The power packed into HP Workstations lets you use even the most taxing applications, without missing a beat.



HP Workstations offer:

- **Energy efficiency:** All HP Business Workstations are EPEAT™ Gold rated for improved energy savings.
- **High-end graphics capabilities:** The HP Leadership Graphics Program offers an extensive variety of tested and certified graphics cards to deliver the visual accuracy and image clarity required for accurate diagnoses. HP workstations also offer support for multiple displays.
- **Remote graphics:** HP Remote Graphics Software (RGS) allows unprecedented collaboration—sharing graphics display, applications, and datasets wherever your job takes you.
- **High performance:** Multiple processors give HP Workstations all the power needed to process large amounts of data at once.
- **Peace and quiet:** HP's Whisper Quiet Technology™ and compact system designs help you focus on your work, not your environment.
- **Reliability:** Tool-less chassis design provides for easier serviceability. Expansion or repairs can be made more quickly, reducing downtime.

Dedicated to health and life sciences:

HP is aligned with the healthcare industry with a dedicated global team focused on healthcare initiatives and solutions. Our committed relationships with industry-leading ISVs benefit your healthcare operations by helping to ensure your applications run better, more quickly and with greater reliability. HP offers information management solutions that address cost, improve quality of care and help transform the way healthcare is managed—a perfect balance of performance and mobility, along with the enhanced security and protection needed in a highly sensitive environment.

To find out more about how HP can help healthcare organizations function more efficiently visit www.hp.com/go/healthcare.



1. Wireless use requires separately purchased service contract.
2. A standard WLAN infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with service provider for availability and coverage in your area. Not all web content available.
3. Savings calculations based on PCMark 05 benchmark testing results. Internal testing, customer results will vary. Variables include customer determined percentage of sleep state, idle state, productivity state, and peak usage state. Also, manufacturing variability will affect the savings a customer may see. HP advises customers to test a system with an 80% efficient power supply in their environment to determine potential savings.

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