

HP Compaq dx2450 Microtower Business PC

Expandability and simplicity at affordable prices



HP recommends Windows Vista® Business.

The HP Compaq dx2450 Business Desktop PC is a reliable and affordable choice to help you move through your everyday business tasks.

Designed to fit your business

The compact microtower design fits easily into your work space and helps accommodate future upgrade and expansion needs.

- Newly designed, the HP Compaq dx2450 PC is meant to be shown off, not hidden.
- Enhanced expandability with support for up to two hard drives and 1 terabyte of storage and four DIMM slots for memory
- Helps you complete daily tasks with your choice of the latest AMD processors
- Flexible configurations backed by service and support professionals from HP and its network of third-party providers
- Efficiently designed chassis with engineered cooling and electrical sub-systems support greater reliability.

Simplify your business.

- Available with pre-installed business applications so you can get started quickly and productivity can begin the first time you boot up your new PC

- Front USB 2.0 access and optional 16-in-1 media reader, which provides an additional front access USB 2.0, provide a wide-range of digital media capabilities.
- Optional SuperMulti LightScribe⁴ drive provides you with the ability to create custom DVDs with a professional appearance.
- Front and back audio ports offer convenience and flexibility.
- Standard graphics are great for everyday needs, but if you need more, a PCI Express x16 expansion slot is available for the latest industry-standard graphic cards.

Protect your business.

- Keep your employees productive and protect your data with local recovery tools such as HP Backup and Recovery Manager.
- Smart IV hard drive with NCCQ provides end-to-end error detection and advance alerts so you can avoid losing data.

The HP Compaq dx2450 Business Desktop PC is an affordable desktop computer for everyday business needs. It is built on a proven NVIDIA chipset and AMD processor technology with quality, reliability and functionality all in a modern look and feel.



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HP recommends Windows Vista® Business.

Operating system	Genuine Windows Vista® Ultimate 32 ¹ Genuine Windows Vista Business 32 ¹ Genuine Windows Vista Home Basic 32 ¹ Genuine Windows Vista Business 32-bit downgrade to genuine Windows® XP Professional SP2 installed ^{1, 6} FreeDOS	
Processor	AMD Phenom™ Quad and Triple Core processors, ² AMD Athlon™ 64 X2 Dual Core processors, ² AMD Athlon 64 processors, ⁷ and AMD Sempron™ processors	
Chipset	NVIDIA nForce 430 Chipset	
Memory	512 MB PC2-6400 DDR2 SDRAM (800-MHz) non-ECC 1 GB PC2-6400 DDR2 SDRAM (800-MHz) non-ECC 2 GB PC2-6400 DDR2 SDRAM (800-MHz) non-ECC	3 GB PC2-6400 DDR2 SDRAM (800-MHz) non-ECC 4 GB PC2-6400 DDR2 SDRAM (800-MHz) non-ECC
	<i>Note: For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system.</i>	
Hard drive(s)⁶	80 GB Serial ATA 3.0-Gb/s hard drive (7200 rpm) 160 GB Serial ATA 3.0-Gb/s hard drive (7200 rpm)	250 GB Serial ATA 3.0-Gb/s hard drive (7200 rpm) 500 GB Serial ATA 3.0-Gb/s hard drive (7200 rpm)
	<i>Note: Any two of the above hard drives are supported.</i>	
Removable media supported	SATA DVD-ROM drive, SATA CD-RW/DVD-ROM combo drive, SATA DVD +/-RW SuperMulti LightScribe ³ drive, 1.44 MB diskette drive, HP 16-in-1 media reader with PCI card and additional USB 2.0 port	
Expansion bays	Five (5) bays total: two (2) 5.25-inch and one (1) 3.50-inch external drive bays and two (2) 3.50-inch internal drive bays	
Expansion slots	One (1) full-height PCI 2.3 slot, two (2) PCIe x1 slots, one (1) PCIe x16 slot	
Memory slots	Four (4) DIMM slots (4 GB maximum memory support)	
Graphics	NVIDIA GeForce 6150SE Graphics—integrated, NVIDIA GeForce 8400 GS (256 MB) single head PCIe x16—optional ⁴ HP ADD2 SDVO PCIe x16 DVI-D adapter—optional, ATI Radeon HD 2400XT (256 MB DH) PCIe x16—optional	
Audio	Realtek ALC888S high-definition audio codec, 3D audio-compliant and HD audio-compatible, internal PC speaker	
Communications	Integrated Realtek RTL8211B Gigabit Ethernet controller, Intel® PRO/1000 PT Gigabit PCIe controller (full height) (optional), Agere 56K PCI modem, HP wireless A+G PCI card (full height)	
I/O ports and connectors	Eight (8) USB 2.0 ports; two (2) front ports, four (4) rear ports, two (2) internal ports on motherboard, two (2) PS/2, one (1) RJ-45, one (1) VGA, one (1) audio in, one (1) audio out, one (1) MIC	
Input devices	Standard PS/2 or USB keyboard; PS/2 or USB 2-button optical scroll mouse, or USB 2-button laser mouse	
Dimensions (hwxwd)	14.38 x 7.09 x 14.69 inch (365 x 180 x 373 mm)	
Power	300-watt ATX power supply—PFC/non-PFC with a 115 v/230 v line switch (varies by country/region)	
Warranty and services	1/1/1 standard limited warranty; other HP Care Pack Services available see http://www.hp.com/go/lookuptool	

¹ Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.msp and www.microsoft.com/windowsvista/getready/capable.msp for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.

² This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Dual/quad/triple-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system and a dual-core processor will vary.

³ LightScribe creates a monochrome image. LightScribe media required and sold separately. Note that DVD-RAM cannot read or write to 2.6 GB single-sided/5.2 GB double-sided—Version 1.0 media.

⁴ 1 GB of system memory required. Graphics cards use part of the total system memory to enhance graphics performance.

⁵ GB = 1 billion bytes. Actual formatted capacity is less. Up to 8 GB (for XP) and up to 12 GB (for Vista) of hard drive is reserved for system recovery software.

⁶ Windows Vista Business disk also included for future upgrade, if desired. To qualify for this downgrade, an end user must be a business (including governmental or educational institutions) and is expected to order annually at least 25 customer systems with the same custom image.

⁷ This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of the AMD 64 processor. Given the wide range of software applications available, performance of a system including a 64-bit operating system will vary.

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