

HP Compaq dx2390 Business Desktop PC



HP recommends Windows Vista® Business.

BUSINESS **R**ELIABILITY



WITH
STYLISH **E**LEGANCE

BUSINESS IS PERSONAL

HP recommends Windows Vista® Business.

Your business needs a reliable, streamlined computing solution for your everyday requirements. Now, you can choose from the HP Compaq dx2390 Business Desktop PC to meet, and exceed, those needs with stylish elegance. Beneath the professional metal finish and impressive high-gloss exterior, you will find the muscles needed to power your essential business computing needs. With the HP Compaq dx2390 Business Desktop PC, you will have the quality, dependability and flexibility needed, so that you can focus on business.



EFFICIENT, PRACTICAL DESIGN

- **Professional and elegant facade**—enhance business and professional image with a chassis that includes real metal surfaces and glossy finishes
- **Convenient front access**—experience the convenient access to ports and removable media from a well-designed enclosure
- **Built-in flexibility**—configure with Multiple expansion bays, USB 2.0 ports and pre-qualified options¹, as required
- **Enhanced reliability**—get longer lifecycles and reliable performance with efficient cooling and electrical subsystems, which were specifically engineered to improve airflow and reduce noise and heat
- **Energy efficient design**—with lower CPU power consumption, energy-efficient cooling, APM 1.2 support and multiple “idle” modes, these PCs are engineered and built for reduced impact on the environment, as well as your operating costs



HI-DEFINITION AUDIO

- **Front and rear ports**—access audio ports that are located at the front and back for greater flexibility and convenience
- **High Definition audio**—enjoy playback with fewer glitches using the latest stable, sophisticated audio architecture
- **Better sampling rates**—hear the difference thanks to compatibility with higher sampling rates and better bit resolution



BUILT-IN PRODUCTIVITY TOOLS

- **Microsoft® Office Professional Edition 2007**—for productivity right out of the box, a 60-day trial version is included⁴
- **HP Backup & Recovery Manager**—helps to protect your data from software corruption or system application incompatibilities
- **Integrated 16-in-1 media reader**—enables handy access to digital files from a variety of media types



UNCOMPROMISING PERFORMANCE

- **Proven Intel® processor technology**—supports the latest Intel® Core™2 Quad^{2,3}, Intel® Core™2 Duo^{2,3}, Intel® Celeron® Single³ and Dual Core^{2,3} processors
- **SMART IV Technology**—helps prevent critical data loss on the hard drive by detecting possible read/write errors in the cache RAM and providing advance alerts

BUILT FOR ENERGY EFFICIENCY

Built-in efficient features help to reduce operating costs while lowering energy consumption.

- APM 1.2 Support
- Screen blanking
- “Idle” modes for system and hard drive
- 2 watt power consumption in Energy Saving Mode



FLEXIBLE CONFIGURATION

- **Upgradeable video**—with the industry-standard PCI Express x16 expansion slot, choose from a wide range of proven video upgrade options
- **Advanced optical media options**—read and write to a wide range of CD and DVD industry formats, while creating professional-looking laser etched labels with the SuperMulti⁵ LightScribe Drive^{1,6}

¹ Sold separately or purchased as an optional feature.

² Dual Core/Quad Core is a new technology designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefit; check with software provider to determine suitability. Not all customers or software applications will necessarily benefit from use of this technology.

³ 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.

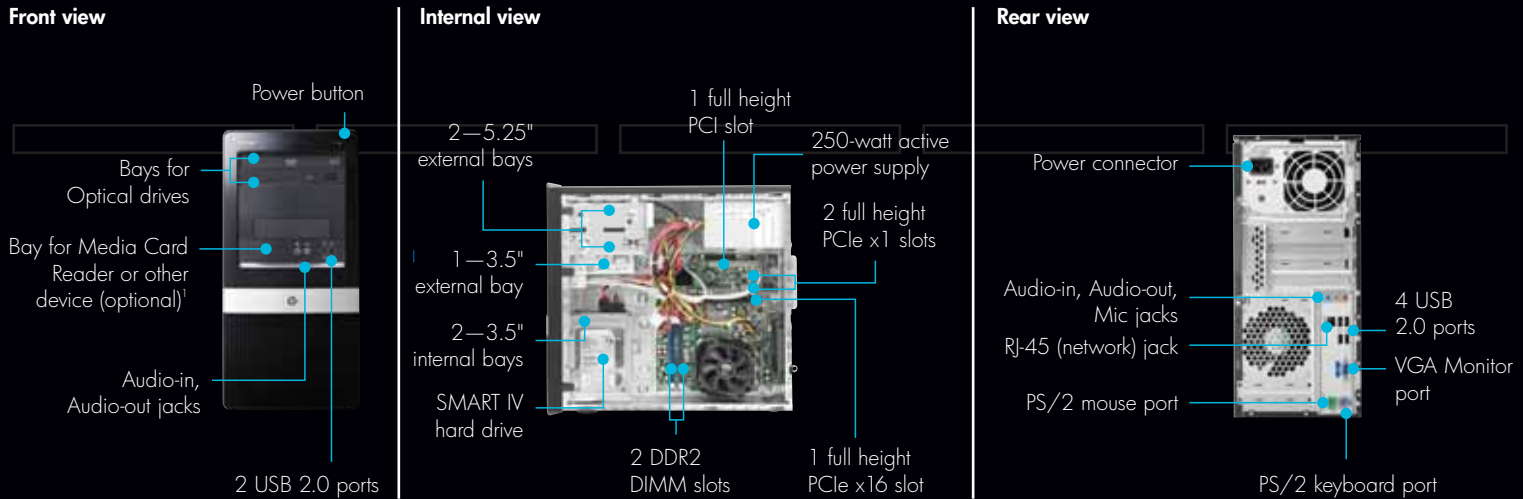
⁴ The Microsoft® Office Professional Edition 2007 is a trial version; functionality is reduced after 60 days. The full version is sold separately.

⁵ Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided—Version 1.0 media.

⁶ Do not copy copyright protected materials. LightScribe creates a monochrome image. LightScribe media required and sold separately.

DESIGNED TO MEET YOUR SPECIFIC BUSINESS NEEDS

Flexible, customisable and expandable performance for your business—Microtower



¹ Sold separately or purchased as an optional feature.

² GB = 1 billion bytes. Actual formatted capacity is less. Up to 8 GB is reserved for system recovery software.

MAXIMISE PERFORMANCE, BOOST PRODUCTIVITY AND SECURE YOUR BUSINESS INVESTMENT WITH THE FLEXIBLE OPTIONS OFFERED BY HP.

Performance—graphics¹



NVIDIA GeForce 8400 GS (256 MB) Single Head²:

Get increased levels of graphics realism and performance, with full support for both DirectX[®] 9 and DirectX[®] 10³



ATI Radeon HD 2400XT (256 MB) Dual Head:

Enjoy low cost support for larger format displays that are designed for quick, easy setup for multiple displays, also with DirectX[®] 10³ support

Performance—productivity¹



SuperMulti⁴ LightScribe Drive⁵:

Read and write to most DVD and CD media formats while providing the ability to create professional-looking laser etched labels



HP CRT and LCD flat-panel monitors:

Flicker-free, with anti-glare coatings and larger display sizes, to make you more comfortable and productive

Security¹



HP Business Security Lock Kit⁶:

Protect your computing assets with a simple effective lock that also secures your input devices and prevents removal of cables at the back of the PC



Kensington Lock⁶:

Physically secure your PC

¹ Sold separately or purchased as an optional feature.

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

³ DirectX[®] 10 requires Windows Vista[®].

⁴ Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided—Version 1.0 media.

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FOR MORE INFORMATION ON THE FULL RANGE OF ACCESSORIES, PLEASE VISIT WWW.HP.COM

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Processor	Intel® Core™2 Quad processors ^{1,2} , Intel® Core™2 Duo processors ^{1,2} , Intel® Pentium® Dual-Core processors ^{1,2} , Intel® Celeron® processors ^{1,2}
Operating system	Genuine Windows Vista® Business 32 ³ Genuine Windows Vista® Home Basic 32 ³ Genuine Windows Vista® Business Edition with downgrade to Genuine Windows XP® Professional pre-installed ⁴ Windows XP Professional pre-installed ⁴ FreeDOS
Chipset	Intel® G31 Express chipset
Memory	512 MB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC 1 GB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC 1 GB PC2-6400 (DDR2-800) Non-ECC 2 x 512 MB 2 GB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC 2 GB PC2-6400 (DDR2-800) Non-ECC 2 x 1 GB 4 GB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC 2 x 2 GB
Hard drive(s)⁵	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)
Expansion bays	Internal: 2—3.5-inch; External: 1—3.5-inch, 2—5.25-inch
Expansion slots	1 full-height PCI 2.3 slot, 2 full-height PCIe x1 slots, 1 full-height PCIe x16 slot
Memory slots	2 DIMMS slots (4 GB maximum memory support)
Graphics	Integrated Intel Graphics Media Accelerator 3100, NVIDIA GeForce 8400 GS (256 MB) Single Head PCIe x16—optional ⁶ HP ADD2 SDVO PCIe x16 DVI-D Adapter—optional, ATI Radeon HD 2400XT (256 MB DH) PCIe x16—optional
Audio	Realtek ALC662 High Definition audio codec, 3D audio compliant and HD Audio compatible
Removable media supported	SATA DVD-ROM drive, SATA CD-RW/DVD-ROM Combo Drive, SATA SuperMulti LightScribe ⁷ DVD Writer Drive, 1.44 MB diskette drive, HP 16-in-1 Media Reader and additional USB 2.0 port
Communications	Integrated Realtek 8101E 10/100 Ethernet Controller, Intel PRO/1000 PT Gigabit PCIe Controller (full height), Agere 56K PCI Modem (optional), HP Wireless A+G PCI Card (full height) (optional)
I/O ports and connectors	6 USB 2.0 ports—2 front ports, 4 rear ports, 2 internal ports on motherboard, 2 PS/2, 1 RJ-45, 1 VGA, 1 audio in, 1 audio out, 1 MIC
Input Device	Standard PS/2 or USB keyboard; PS/2 or USB 2-button optical scroll mouse, or USB 2-button laser mouse
Dimensions (H x W x D)	385 x 185 x 416 mm (15.16 x 7.28 x 14.69 inches)
Power	250-watt ATX Power Supply—PFC/non-PFC with a 115v/230v 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 Dual Core/Quad Core is a new technology designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefit; check with software provider to determine suitability. Not all customers or software applications will necessarily benefit from use of this technology.

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 Certain Windows Vista® product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details.

⁴ 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/upgradedeadvisor

⁵ An end user that is a business (including governmental or educational institutions) is expected to annually order at least 25 customer systems with the same custom image.

⁶ GB = 1 billion bytes. Actual formatted capacity is less. Up to 12 GB of hard drive is reserved for system recovery software.

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

⁸ 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.

To learn more, visit www.hp.com/apac/bpc

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