

HP Compaq dc7800 Business PC Series

PCs designed to be the foundation of your business



HP recommends Windows Vista® Business.

The HP Compaq dc7800 Business Desktop PC is designed for businesses that require best-in-class lifecycle management, solutions that help keep you up and running more securely, as well as specialized designs to fit your individual needs. Plus, you can rely on the engineering experience built in so you can make the right choice and spend more time concentrating on your business success.

Helping to keep you up and running securely

HP Compaq dc7800 PCs help to protect your physical and intellectual properties with an enhanced assortment of security tools so you can customize your PC to fit your needs.

- Get more effective identity protection with HP ProtectTools™ security software suite, which offers an extremely powerful set of multi-factor authentication and access controls.
- Keep your users up and running while securing data with optional RAID 1 configurations.
- Reduce disruption and protect your data against corruption with HP Backup and Recovery Manager.
- Help safeguard your physical assets against theft or tampering with PC security locks and remotely manageable HP Solenoid locks.



Best-in-class lifecycle management solutions

Increase the efficiency of planning, deployment and transition of PCs with a variety of proven manageability tools, such as HP Client Manager.

- Gain more value from your IT investment with superior technology, longer lifecycles and support for upcoming technologies.
- Maintain a more consistent work environment and reduce support costs with a stable software image and 15+ months of platform stability.
- Eliminate guesswork and enhance proactive planning with valuable information from the included Change Control and Proactive Notification service.

Specialized designs to fit your needs

The flexible choice for business, the HP Compaq dc7800 PC offers power-efficient options and innovative form factors so you can create the PC that fits your environment.

- Select Intel® vPro™ Professional platforms,* featuring Intel® Active Management Technology 3.0 and support for virtualization technology, for added manageability and security benefits.
- Increase flexibility and productivity with features created for businesses like yours—so you can focus on your business success, not your PC.

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HP recommends Windows Vista® Business.

Form factor	Ultra-slim desktop	Small form factor	Convertible minitower
Operating system	Genuine Windows Vista® Business 32*. ¹ Genuine Windows Vista® Business 64*. ¹ Genuine Windows Vista® Home Basic 32*. ¹ Genuine Windows Vista® Business downgrade to genuine Windows® XP Professional installed*. ^{1,2} FreeDOS		
Chipset	Intel® Q35 Express chipset		
Processor	Intel® Core™2 Quad processors; ^{1,2} Intel Core™2 Duo processors; ^{3,4} Intel Pentium® dual-core processors; ^{3,4} Intel Celeron® processors ⁴ Note: Intel Quad Core processors not available on USDT.		
Memory	PC2-5300 (DDR2-667 MHz) and PC2-6400* (DDR2-800 MHz) Non-ECC SODIMM memory	PC2-5300 (DDR2-667 MHz) and PC2-6400* (DDR2-800 MHz) non-ECC DIMM memory	
Memory slots	2 SODIMM	4 DIMM	4 DIMM
Hard drive(s)⁵	80 GB 1.5 GB/s 5400 rpm and 7200 rpm; 160 GB 1.5 GB/s 7200rpm; 16 GB Solid state drive	80 GB and 160 GB 3.0 GB/s 7200 rpm and 10000 rpm with NCQ. 250 GB 3.0 GB/s 7200 rpm and 10000 rpm with NCQ; optional dual drive RAID.	
Removable media	PATA CD-RW/DVD-ROM combo slim drive, PATA DVD-ROM slim drive, PATA slim SuperMulti LightScribe ⁶ DVD writer	1.44 MB diskette drive, SATA DVD-ROM, SATA combo drive, SATA DVD+/-RW (DL/DF) ⁷ SuperMulti LightScribe ⁶ drive, 16-in-1 media card reader (3.5-inch and 5.25-inch versions)	
Expansion bays	Internal: (1) 3.5 inch External: (1) slimline drive bay	Internal: (1) 3.5 inch External: (1) 5.25 inch and (1) 3.5 inch	Internal: (2) 3.5 inch External: (3) 5.25 inch and (1) 3.5 inch
Expansion slots	N/A	1 low-profile PCI, 2 low-profile PCI Express x1, 1 low-profile PCI Express x16 (standard), 2 full-height PCI slots (available via optional riser card)	3 full-height PCI, 2 full-height PCI Express x1, 1 full-height PCI Express x16
Graphics	Integrated Intel Graphics Media Accelerator 3100		
Communications	Intel® 82566DM Gigabit Network Connection		
Rear I/O ports and connectors	6 USB 2.0, 2 PS/2, 1 RJ-45, 1 VGA and 1 DVI-D, audio in/out	6 USB 2.0, 1 standard serial port, 1 optional serial port, 1 parallel port, 2 PS/2, 1 RJ-45, 1 VGA, audio in/out	6 USB 2.0, 1 standard serial port, 1 optional serial port, 1 parallel port, 2 PS/2, 1 RJ-45, 1 VGA, audio in/out
Front I/O ports and connectors	2 USB 2.0, headphone and microphone		
Dimensions (hwxwd)	2.60 x 9.90 x 10.0 inch	3.95 x 13.3 x 14.9 inch	17.63 x 7.00 x 17.8 inch
Input device	PS/2 or USB standard keyboard, USB Smartcard keyboard, PS/2 or USB 2-button laser scroll mouse		
Power	135-watt external 85% high-efficiency active PFC standard	240-watt active PFC or optional 80% high-efficiency 240-watt active PFC	365-watt active PFC or optional 80% high-efficiency 365-watt active PFC
Limited warranty	3-years/3-years/3-years		

*The HP dc7800 PC is enabled for Intel vPro Technology. Some functionality of this technology, such as Intel Active management technology and Intel Virtualization technology, requires additional third-party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on third-party software providers. Compatibility of future "virtual appliances" with Microsoft Windows Vista operating system is yet to be determined.

¹ 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. WindowsVista 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 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.

³ Dual core/quad core is a new technology designed to improve performance of multi-threaded software products and hardware-aware multi-tasking operating systems and may require appropriate operating system software for full benefit. Not all customers or software applications will necessarily benefit from use of this technology.

⁴ 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.

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

⁶ 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. Don't copy copyright-protected materials.

⁷ Double-layer discs can store more data than single-layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

To learn more, visit www.hp.com/go/worryfree

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