

HP Compaq dc5800 Business PC Series

PCs designed to be the foundation of your business



HP recommends Windows Vista® Business.

Designed to be the foundation of your business, the HP Compaq dc5800 Business PC is packed with proven technology and customizable productivity, security and manageability features.

A foundation that fits

The HP Compaq dc5800 Desktop PC helps promote efficiency and provides headroom for future technology expansion by offering a choice of Intel® processor technology, from Celeron to Quad-Core processors, and the Intel Q33 chipset, featuring Graphics Media Accelerator 3100 graphics with 3D enhancements. Additional productivity options provide the functionality you need to help improve user and system performance:

Support for dual independent displays (optional card required) for easier multi-tasking

- HP Power Manager, an optional feature, enables you to increase your desktop's energy efficiency by providing you the ability to easily tailor your PC's power management settings, estimate annual cost savings resulting from your setting and view your historical savings.
- Additional energy-efficient features like Intel processors and 80 PLUS® efficient power supplies further enhance productivity with energy savings. ENERGY STAR®-qualified and EPEAT Gold-registered models available.
- Customized thermals and acoustics help keep noise low and your system cool.



Lifecycle solutions on which to build

The HP Compaq dc5800 Business PC is equipped to help you manage PCs around your business.

- Access to a suite of client management tools from a single integrated console
- 12+ month product lifecycle, a single software image designed for use across the entire platform, regardless of model or configuration
- Global models you can deploy for your worldwide business
- Change Control and Proactive Notification service included at no additional cost; provides valuable information to help reduce guesswork and enhance proactive planning

Security to help protect your investment

Help keep your investments safe with security options for your physical assets and critical business data.

The HP Compaq dc5800 Business PC comes with embedded TPM 1.2 to help provide enhanced data protection and limit system access through hardware-based encryption.

Add HP ProtectTools security software to your system, at a minimal charge, to further enhance your IT infrastructure's first line of defense.

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	Microtower	Small form factor
Operating system	Genuine Windows Vista® Business 32* Genuine Windows Vista® Business 64* Genuine Windows Vista® Home Basic 32* Genuine Windows Vista® Ultimate 32* Genuine Windows Vista® Business with Genuine Windows® XP Professional custom pre-installed* ^{1, 2} Free DOS	
Chipset	Intel® Q33 Express chipset	
Processor*	Intel Core™2 Duo Processors, ^{1,2} Intel Core2 Quad Processors, ^{1,2} Intel Pentium® Dual-Core Processors, ^{1,2} Intel Celeron® D Processors	
Memory	PC2-6400 (DDR2-800 MHz) non-ECC DIMM memory <i>NOTE: Dual-channel memory configurations supported for enhanced performance (requires both slots populated with same type and size memory).</i>	
Hard drive(s) ³	80, 160, 250, 500 GB SATA NCQ Smart IV 3.0 GB/s hard drive (7200 rpm); 3.5-inch removable 80, 160, 250 GB SATA NCQ Smart IV 3.0 GB/s hard drive (7200 rpm); 80, 160 GB SATA NCQ Smart III 3.0 GB/s hard drive (10000 rpm)	
Removable media ⁴	SATA DVD-ROM drive or SATA SuperMulti LightScribe DL DVD writer drive, ^{5,6} HP 16-in-1 Media Card Reader (USB connection on the motherboard), 1 GB Flash Module for Vista ReadyBoost	
Expansion bays	2 internal 3.5-inch bays, 2 external 5.25-inch bays and 1 external 3.5-inch bay	1 internal 3.5-inch bay, 1 external 5.25-inch bay and 1 external 3.5-inch bay
Expansion slots	Full-height: 1 PCI, 2 PCIe x1 and 1 PCIe x16	Low-profile: 1 PCI, 2 PCIe x1 and 1 PCIe x16
Memory slots	4 DIMMs	4 DIMMs
Graphics	Integrated Intel Graphics Media Accelerator 3100	
Audio	Integrated high-definition 4-channel audio	
Communications	Integrated Intel Gigabit Ethernet NIC	
I/O ports and connectors	Ten USB 2.0 ports (two front, six rear, two internal USB header) one VGA port, DVI output (available via optional ADD2 card), one serial with second optional, two PS/2 ports (mouse and keyboard), front headphone and microphone jacks, RJ-45 port, parallel port optional	
Input device	Standard keyboard and 2-button optical scroll mouse available as USB or PS/2 or USB 2-button laser mouse	
Power	300-watt passive PFC power supply (user-selectable 115 v/230 v); Optional 80% high-efficiency 300-watt active PFC	240-watt active PFC power supply (user-selectable 115 v/230 v); Optional 80% high-efficiency 240-watt active PFC
Security	Integrated TPM 1.2 (standard); HP Desktop security lock kit (lock and cable); Security cable with Kensington lock ProtectTools software (optional)	
Dimensions (h x w x d)	37.72 x 17.65 x 42.8 cm/14.85 x 6.95 x 16.85 inch	10.03 x 33.78 x 37.846 cm/3.95 x 13.3 x 14.9 inch
Weight	23.44 lb (10.63 kg)	17.86 lb (8.10 kg)
Limited warranty and services	3-years parts, labor, onsite; other HP Care Pack Services available; see http://www.hp.com/go/lookuptool	

Monitor sold separately.

*Certain Windows Vista product features require advanced or additional hardware. See <http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx> and <http://www.microsoft.com/windowsvista/getready/capable.mspx> 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 <http://www.windowsvista.com/upgradeadvisor>.

¹ 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; check with software provider to determine suitability. Not all customers or software applications will necessarily benefit from use of this technology.

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 the Intel 64 processor. Given the wide range of software applications available, performance of a system including a 64-bit operating system will vary.

³ Above 3 GB, all memory may not be available due to system resource requirements.

⁴ GB = 1 billion bytes. Actual formatted capacity is less. Up to 18 GB (for XP) and up to 12 GB (for Vista) of system disk is reserved for system recovery software.

⁵ 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.

⁶ LightScribe creates a monochrome image. LightScribe media required and is not included.

⁷ Note that DVD-RAM cannot read or write to 2.6 GB single-sided/5.2 GB double-sided—version 1.0 media.

⁸ 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.

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