

HP Compaq dc5850 Business PC Series

PCs designed to be the foundation of your business



HP recommends Windows Vista® Business.

The HP Compaq dc5850 Business PC Series offers the capabilities you need for uncompromising results and the energy efficiencies you want to help reduce costs.

Fits your business

The HP Compaq dc5850 Business PC provides your business with the power to keep moving forward.

- Latest processor and chipset technologies from AMD, including new triple-core and quad-core processors for superior performance
- Integrated DirectX® graphics technology for enriched graphics
- Standard dual-monitor capability and a new more compact small form factor
- AMD HyperTransport™ 3.0 technology to help expedite system response times and provide you with the data you need—faster

Power-efficient performance

Designed to help lower energy consumption with features, the HP Compaq dc5850 Business PC can help your business save energy and lower costs without compromising performance.

- 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.

- Energy-efficient processors, a low-power chipset and an optional 80 percent efficient power supply further enhance PC quality and energy savings. ENERGY STAR®-qualified and EPEAT Gold-registered models are available.

Simplifies your business

Get the manageability and stability features your IT environment requires.

- Image stability and long lifecycles for ease of integration
- Access to HP Client Manager for a variety of manageability offerings to help streamline PC management

Protects your business

Get the security, manageability and stability features your IT environment requires.

- Protection for your physical assets and critical business data with security options like embedded TPM 1.2, factory configured RAID I and HP Backup and Recovery Manager

PCs designed to work as hard as you do

With power, efficiency and the tools to help your IT environment run more smoothly, the HP Compaq dc5850 Business PC offers a desktop solution designed to work as hard as you do.



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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	AMD 780V	
Processor	AMD Sempron™ Processors with HyperTransport Technology up to 2.3 GHz AMD Athlon™ 64 Processors with HyperTransport Technology up to 2.7 GHz ² AMD Athlon™ X2 Dual-Core Processors with HyperTransport Technology up to 2.8 GHz ³ AMD Phenom™ X3 Triple-Core Processors with HyperTransport Technology up to 2.3 GHz ³ AMD Phenom™ X4 Quad-Core Processors with HyperTransport Technology up to 2.3 GHz ³	
Memory ⁴	PC2-6400 (DDR2-800 MHz) non-ECC DIMM memory NOTE: Dual-channel memory configurations supported for enhanced performance (requires both slots populated with same type and size memory).	
Hard drive(s) ⁵	80, 160, 250, 500 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); optional dual drive RAID	
Removable hard drive(s)	80, 160, 250 GB (7200 RPM) HP 3.5-inch removable SATA hard drive (NOTE: replaces optical drive in bay 1)	
Removable media ⁶	SATA DVD-ROM drive or SATA SuperMulti LightScribe ⁷ DVD writer drive, HP 16-in-1 media card reader (USB connection on the motherboard)	
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	ATI Radeon™ 3100 Graphics with DirectX® 10 technology	
Communications	Integrated Broadcom 5754 Gigabit Ethernet	
I/O ports and connectors	1 Ten USB 2.0 ports (two front, six rear, two internal USB header) one VGA port, one DVI-D port, 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	
Dimensions (h×w×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)
Warranty and services	Limited three-years parts, labor, onsite; other HP Care Pack Services available see 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.aspx> and

<http://www.microsoft.com/windowsvista/getready/capable.aspx> 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 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.

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

3 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/triple/quad-core processing available with AMD technology is a recent technology innovation 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.

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

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

6 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.

7 LightScribe creates a monochrome image. LightScribe media required and sold separately.

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

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