



## HP COMPAQ DC5850 BUSINESS PC SERIES

Performance with power efficiency



HP recommends Windows Vista® Business

Performance plus power efficiency equals a winning combination. The HP Compaq dc5850 Business PC Series offers the high-end capabilities you need for uncompromising results and the energy efficiencies you want to help reduce costs.

### Designed to deliver

The HP Compaq dc5850 Business PC puts high-end capabilities at your fingertips to provide your business with the power to keep moving forward.

- Latest processor and chipset technologies from AMD, including new Triple-Core and Quad-Core processors
- Integrated DirectX® 10 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
- RAID support and next generation SATA hard drives to help protect and enhance your computing productivity

**Cool under pressure with power-efficient performance**  
Conquer the demands of your business with a PC that keeps its cool under pressure. HP Business

Desktop PCs are designed to help lower energy consumption and reduce environmental impact. With features like energy-efficient processors and an optional 80 PLUS power supply, the HP Compaq dc5850 Business PC can help your business save energy and lower costs without compromising performance.

### Managed and secure

Get the security, 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
- Protection for your physical assets and critical business data with security options like embedded TPM 1.2, RAID 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 that is designed to work as hard as you do.

# HP COMPAQ DC5850 BUSINESS PC SERIES

HP recommends Windows Vista® Business

	Microtower	Small Form Factor
<b>Operating system*</b>		<b>Preinstalled</b> Genuine Windows Vista Business 32* Genuine Windows Vista Business 64* Genuine Windows Vista Home Basic32* Genuine Windows Vista Ultimate 32* Downgrade to Genuine Windows® XP Professional installed**+ FreeDOS
<b>Chipset</b>		AMD 780V
<b>Processor</b>		AMD Sempron™ Processors with HyperTransport Technology up to 2.3 GHz AMD Athlon™ 64 Processors with HyperTransport Technoloty up to 2.7 GHz <sup>2</sup> AMD Athlon™ 64 Dual-Core Processors with HyperTransport Technology up to 2.8 GHz <sup>3</sup> AMD Phenom™ Triple-Core Processors with HyperTransport Technology up to 2.3 GHz <sup>4</sup> AMD Phenom™ Quad-Core Processors with HyperTransport Technology up to 2.3 GHz <sup>4</sup>
<b>Memory<sup>5</sup></b>		PC2-6400 (DDR2-800 MHz) Non-ECC DIMM Memory <small>NOTE: Dual channel memory configurations supported for enhanced performance (requires both slots populated with same type and size memory).</small>
<b>Hard drive(s)<sup>6</sup></b>		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 (10,000 rpm); optional dual drive RAID
<b>Removable hard drive(s)</b>		80-,160-, 250-GB (7200 rpm) HP 3.5" Removable SATA hard drive (NOTE: Replaces optical drive in bay 1)
<b>Removable media<sup>7,8</sup></b>		SATA DVD-ROM Drive, CD-RW/DVD Combo Drive, or SATA SuperMulti LightScribe DVD Writer Drive, HP 16-in-1 Media Card Reader (USB connection on the motherboard)
<b>Expansion bays</b>	2 internal 3.5" bays, 2 external 5.25" bays, and 1 external 3.5" bay	1 internal 3.5" bay, 1 external 5.25" bays, and 1 external 3.5" bay
<b>Expansion slots</b>	Full-height: 1 PCI, 2 PCIe x1, and 1 PCIe x16	Low-profile: 1 PCI, 2 PCIe x1, and 1 PCIe x16
<b>Memory slots</b>	4 DIMMs	4 DIMMs
<b>Graphics</b>	ATI Radeon™ 3100 Graphics with DirectX® 10 technology**	
<b>Communications</b>	Integrated Broadcom 5755 Gigabit Ethernet	
<b>I/O ports and connectors</b>	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	
<b>Input device</b>	Standard keyboard and 2-button optical scroll mouse available as USB or PS/2, or USB 2-button laser mouse	
<b>Power</b>	300-watt passive PFC Power Supply (user selectable 115V/230V); Optional 80% High Efficiency 300W Active PFC	240-watt active PFC Power Supply (user selectable 115V/230V); Optional 80% High Efficiency 240W Active PFC
<b>Security</b>	Integrated TPM 1.2 (standard), HP Desktop Security lock kit (lock and cable); Security cable with Kensington lock	
<b>Dimensions (h x w x d)</b>	37.72 x 17.65 x 42.8 cm / 14.85 x 6.95 x 16.85 in	10.03 x 33.78 x 37.846 cm. /3.95" x 13.3" x 14.9"
<b>Weight</b>	23.44 lb (10.63 kg)	17.86 lb (8.10 kg)
<b>Warranty and Services</b>	3 years Parts, Labor, Onsite; other HP Care Pack Services at <a href="http://www.hp.com/go/lookuptool">http://www.hp.com/go/lookuptool</a>	

\*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>. \*\* DirectX® 10 requires Windows Vista. \*\*\* Windows Vista Business disk is 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..

+Certain Windows Vista product features require advanced or additional hardware. See [www.microsoft.com/windowsvista/getready/hardwarereqs.mspx](http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx) and [www.microsoft.com/windowsvista/getready/capable.mspx](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 [www.windowsvista.com/upgradeadvisor](http://www.windowsvista.com/upgradeadvisor). 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.. 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. <sup>3</sup>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 "X" technology. Dual-core processing available with AMD "X" 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/quad/triple-core processor will vary. <sup>4</sup>Above 3GB, all memory may not be available due to system resource requirements. <sup>5</sup>GB = 1 billion bytes. Actual formatted capacity is less. Up to 8GB is reserved for system recovery software. <sup>6</sup>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. <sup>7</sup>LightScribe creates a grayscale image similar to a black and white photograph. LightScribe media required and is not included.

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