

HP Compaq dc7600 Business Desktop Series

HP recommends Microsoft® Windows® XP Professional



Introduction

The HP Compaq dc7600 Business Desktop series provides the stability, manageability, and enhanced security customers need to help reduce ownership costs, increase productivity, and simplify PC ownership. These desktop products deliver outstanding security features, enhanced manageability tools, and stable software images with long life cycles. With a robust combination of features and tools, the HP Compaq dc7600 also offers the flexibility, serviceability, and manageability necessary for today's managed IT environments.

Outstanding Security Features

A suite of security tools to help protect both physical and intellectual property:

- Integrated TPM 1.2 compliant security chip, which can be managed remotely using HP Client Manager, provides hardware based encryption to enhance data protection and help prevent unauthorized system access
- Secured Single Sign-on (SSO) for multiple security authentication devices
- Single interface for client security management using HP ProtectTools
- Remotely manageable HP Solenoid lock or HP Business PC Security Lock to address theft or tampering

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Advanced Manageability

A host of manageability tools and enhanced serviceability features to help maximize productivity and allow for more efficient deployment, management, and transition of PCs

Maximum Stability and Long Lifecycles

Provides stable and long lifecycles, a common image, and global availability to help increase productivity and reduce ownership costs

- Customized thermal design to maximize reliability and performance
- Availability of configurations that are 100% compliant with Reduction of Hazardous Substances (RoHS) legislation
- Designed for upcoming technologies such as support for Pentium D processors

Latest Technology

Offers key technology improvements such as the latest Intel® chipset and processors, high-speed SMART III Serial ATA hard drives, DDR2 memory, USB 2.0, and high-speed multi-functional optical storage drives to help maximize IT investments.

Service and Support

Supported by a robust, service and support portfolio and a standard 3 year warranty, with option to increase support up to five years (purchased separately).

Stable, manageable, desktop solutions with enhanced security that reduce IT complexity.

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Specifications

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Form Factor	Ultra-slim desktop (USDT)	Small form factor (SFF)	Convertible Minitower (CMT)
Operating system	Microsoft Windows XP Professional SP2 Microsoft Windows XP Home SP2 SuSE Linux (CD provided) FreeDOS		
Chipset	Intel® 945G	Intel® 945G	Intel® 945G
Processor	Intel Celeron D processor 336* (2.80-GHz, 256K L2 cache, 533-MHz FSB) Intel Celeron D processor 346* (3.00-GHz, 256K L2 cache, 533-MHz FSB) Intel Pentium 4 processor 531* (3.0-GHz, 1 MB L2 cache, 800 MHz FSB) Intel Pentium 4 processor 541* (3.2-GHz, 1 MB L2 cache, 800 MHz FSB) Intel Pentium 4 processors with HT ¹ Technology: Intel Pentium 4 processor 651* (3.4-GHz, 2 MB L2 cache, 800 MHz FSB) Intel Pentium 4 processor 661* (3.6-GHz, 2 MB L2 cache, 800 MHz FSB) Intel Pentium 4 processor 670* (3.8-GHz, 2 MB L2 cache, 800 MHz FSB) – CMT form factor only Intel Pentium D processor 820* Dual Core (2.8-GHz x 2, 2x1MB L2 cache, 800 MHz FSB) Intel Pentium D processor 915* Dual Core (2.8-GHz x 2, 2x2 MB L2 cache, 800 MHz FSB) Intel Pentium D processor 945* Dual Core (3.4-GHz x 2, 2x2 MB L2 cache, 800 MHz FSB) Intel Pentium D processor 930* Dual Core (3.0-GHz x 2, 2x2 MB L2 cache, 800 MHz FSB) Intel Pentium D processor 940* Dual Core (3.2-GHz x 2, 2x2 MB L2 cache, 800 MHz FSB) Intel Pentium D processor 950* Dual Core (3.4-GHz x 2, 2x2 MB L2 cache, 800 MHz FSB) *Intel's numbering is not a measurement of higher performance.		
Memory	PC2-4200 (DDR2-533 MHz) and PC2-5300 (DDR2-667 MHz) Non-ECC Memory		
Hard drive(s)	40-GB Serial ATA 1.5-Gb or 80-GB, 160-GB to 250-GB Serial ATA 3.0-Gb/s hard drive		
Removable media	MultiBay: 24X CD-ROM Drive, 1.44MB Diskette Drive, 48X Max CD-ROM drive, 48X/32X/48X CD-RW drive, 48X/32X Combo CD-RW/DVD-ROM drive, 16X/48X DVD-ROM Drive, 16X DVD+/-RW DL Drive (LightScribe ² /Double Layer ³ /Dual Format) 24X/24X/24X/8X DVD-CDRW Drive, 8X/24X DVD-ROM, 1.44MB diskette drive		
Expansion bays	Internal: 1 3.5 inch External: 1 Multibay	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	1 full-height PCI available via optional riser card	2 low profile PCI, 1 low profile PCI Express x1, 1 low profile PCI Express x16, (2 full-height PCI available via optional riser card) Note: with riser card option, express x1 and x16 slots are not supported.	2 full-height PCI, 1 full height PCI Express x1, 1 full height PCI Express x16 (2 additional full-height PCI optional)
Memory slots	3 DIMMs	4 DIMMs	4 DIMMs
Graphics	Integrated Intel Graphics Media Accelerator 950, ATI x1300 256MB SH, ATI x1600 256MB DH, NVS285 128MB DH		
Communications	Integrated Broadcom NetXtreme Gigabit Ethernet for HP		
Rear I/O ports and connectors	6 USB 2.0, 1 optional serial port, 1 optional 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	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		
Input device	Standard keyboard, Smartcard Keyboard, 2-button scroll mouse, 2-button optical mouse		
Dimensions (h x w x d)	2.95" x 12.4" x 13.18"	3.95" x 13.3" x 14.9"	17.65" x 6.6" x 17.8"
Power	Active 200-watt	Active 240-watt	Active 365-watt
Warranty	3/3/3	3/3/3	3/3/3

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¹ The Hyper-Threading feature is a new technology designed to improve performance of multi-threaded software products; please contact your software provider to determine software compatibility. Not all customers or software applications will benefit from the use of Hyper-Threading technology. Visit <http://www.intel.com/info/hyperthreading/> for more information.

² LightScribe creates a grayscale image similar to black and white photography. LightScribe media required and sold separately.

³ Double layer is a new technology. Double layer media compatibility will widely vary with some DVD players and DVD ROM drives.

For more information about these desktops, visit www.hp.com/products/desktops

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