



HP Compaq dc7600 Small Form Factor



**Industry-standard design
and compatibility for
networked environments**

Overview

Designed to provide the optimal mix between small size and expandability, the HP Compaq dc7600 Small Form Factor is more than 60% smaller than the convertible minitower, yet it still offers the expansion bays and slots valued by enterprise users. Enhanced security, stability, and manageability features add IT peace of mind.

Features

Choice: Select the operating system to best suit your needs

Microsoft® Windows® XP Professional

Microsoft® Windows® XP Home

FreeDOS

Define your preference for fast and efficient computing power with Intel® Pentium® 4 processors, Intel® Pentium® D processors, and Intel Celeron® D.

- **Advanced Manageability:** Maximize your productivity with a host of advanced manageability client hardware and software management solutions. Utilize HP Client Manager to manage the embedded Trusted Platform Module (TPM) 1.2 across the enterprise and experience the benefits of a common and stable software image and Global Series SKUs to allow for consistent configuration and software imaging worldwide.

- **Enhanced Security:** Help secure the physical and intellectual properties of your business with HP ProtectTools, a single interface for hardware, software, firmware and OS level security. Enjoy enhanced protection of data and system access and support for future security features expected in an upcoming Microsoft operating system with a TPM 1.2 embedded security chip that comes standard on all HP Compaq dc7600 PCs. TPM 1.2 includes hardware based encryption that provides the ability to consolidate, encrypt and help protect important data in a Personal Secure Drive and HP patented preboot technology which requires authentication prior to system boot and helps prevent non-authorized users from being able to boot the PC via a boot CD.

- **Reliability and Quality:** Experience maximum performance and productivity for your business with support for future technologies, 15+ months of platform stability, and a customized thermal design.

- **Service with ease:** Help make service and support a breeze with the tool-less removal of hood, hard disk drive, optical drives, system board, and power supply, as well as, tool-less installation of expansion cards.

- **Environmentally friendly:** Get ready for new environmental regulations with select 100% Restriction of Hazardous Substances (RoHS) Compliant SKUs.





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		Ultra-slim Desktop	Small Form Factor	Convertible Minitower
Processor and Speed One of the following	Intel Celeron D Processors:			
	Intel Celeron D 331 Processor (2.66-GHz, 256K L2 cache, 533-MHz FSB)	X	X	X
	Intel Celeron D 336 Processor (2.80-GHz, 256K L2 cache, 533-MHz FSB)	X	X	X
	Intel Pentium 4 Processors with HT Technology:			
	Intel Pentium 4 521 Processor (2.8-GHz, 1 MB L2 cache, 800 MHz FSB)	X	X	X
	Intel Pentium 4 531 Processor (3.0-GHz, 1 MB L2 cache, 800 MHz FSB)	X	X	X
	Intel Pentium 4 630 Processor (3.0-GHz, 2 MB L2 cache, 800 MHz FSB)	X	X	X
	Intel Pentium 4 640 Processor (3.2-GHz, 2 MB L2 cache, 800 MHz FSB)	X	X	X
	Intel Pentium 4 650 Processor (3.4-GHz, 2 MB L2 cache, 800 MHz FSB)	X	X	X
	Intel Pentium 4 660 Processor (3.6-GHz, 2 MB L2 cache, 800 MHz FSB)			X
	Intel Pentium 4 670 Processor (3.8-GHz, 2 MB L2 cache, 800 MHz FSB)			X
	Intel Pentium D Dual Core Processors:			
Intel Pentium D 820 Dual Core Processor (2.8-GHz x 2, 2 MB L2 cache, 800 MHz FSB)		X	X	
Operating System - One of the following	Microsoft Windows XP Professional SP2	X	X	X
	Microsoft Windows XP Home SP2	X	X	X
	SuSE Linux Personal 9.3 OEM (delivered on CDs with system, not pre-installed)	X	X	X
	FreeDOS	X	X	X
	NOTE: Microsoft Windows NT 4.0 and Microsoft Windows 2000 are not available on these systems. Some drivers for Windows 2000 are available for download from hp.com .			
Hard Drive One or two of the following	40-GB SATA 1.5-Gb/s Hard Drive (7200 rpm)	X	X	X
	80-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)	X	X	X
	160-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)	X	X	X
	2nd hard drive, 80-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)		X	X
	2nd hard drive, 160-GB SATA 3.0-Gb/s Hard Drive (7200 rpm)		X	X



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Memory -
One of the following

256-MB DDR2 Synch Dram PC2-4200 (533-MHz) Non ECC (1 x 256)	X	X	X
512-MB DDR2 Synch Dram PC2-4200 (533-MHz) Non ECC (1 x 512)	X	X	X
512-MB DDR2 Synch Dram PC2-4200 (533-MHz) Non ECC (2 x 256)	X	X	X
1-GB DDR2 Synch Dram PC2-4200 (533-MHz) Non ECC (1 x 1GB)	X	X	X
1-GB DDR2 Synch Dram PC2-4200 (533-MHz) Non ECC (2 x 512)	X	X	X
2-GB DDR2 Synch Dram PC2-4200 (533-MHz) Non ECC (4 x 512)		X	X
3-GB DDR2 Synch Dram PC2-4200 (533-MHz) Non ECC (3 x 1GB)	X		
4-GB DDR2 Synch Dram PC2-4200 (533-MHz) Non ECC (4 x 1GB)		X	X
256-MB DDR2 Synch Dram PC2-5300 (667-MHz) Non ECC (1 x 256)	X	X	X
512-MB DDR2 Synch Dram PC2-5300 (667-MHz) Non ECC (1 x 512)	X	X	X
512-MB DDR2 Synch Dram PC2-5300 (667-MHz) Non ECC (2 x 256)	X	X	X
1-GB DDR2 Synch Dram PC2-5300 (667-MHz) Non ECC (2 x 512)	X	X	X
2-GB DDR2 Synch Dram PC2-5300 (667-MHz) Non ECC (4 x 512)		X	X

NOTE: For best performance, memory speeds and sizes should not be mixed. See memory section for more information.

Storage -
One or more of the following depending on form factor (see Storage section below)

Diskette Drives			
1.44-MB Diskette Drive		X	X
Optical Drives			
48X CD-ROM Drive		X	X
48X/32X/48X CD-RW Drive		X	X
48X/32X Combo CD-RW/DVD-ROM Drive		X	X
16X/48X DVD-ROM Drive		X	X
16X DVD+/-RW DL Drive (LightScribe/Double Layer/Dual Format)		X	X
MultiBay			
MultiBay 24X CD-ROM Drive	X		
MultiBay 24X/24X/24X/8X DVD-CDRW Combo Drive	X		
MultiBay 8X/24X DVD-ROM Drive	X		
MultiBay 1.44-MB diskette drive	X		



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Keyboard - One of the following	HP PS/2 2004 Standard Keyboard	X	X	X
	HP USB 2004 Standard Keyboard	X	X	X
	HP Smartcard Adapter	X	X	X
Mouse - One of the following	PS/2 2-Button Scroll Mouse	X	X	X
	USB 2-Button Optical Scroll Mouse	X	X	X
	USB 2-Button Scroll Mouse	X	X	X
Modem	Agere 56K PCI SoftModem (full height)	X	X	X
	Agere 56K PCI SoftModem (low profile)		X	
NIC	Broadcom NetXtreme Gigabit Ethernet integrated on system board	X	X	X
	Intel Pro 1000 MT Gigabit NIC (full height)	X	X	X
	Intel Pro 1000 MT Gigabit NIC (low profile)		X	
Miscellaneous	Adaptec FireConnect 2100 Firewire IEEE 1394 PCI Card (full height)	X	X	X
	Adaptec FireConnect 2100 Firewire IEEE 1394 PCI Card (low profile)		X	
	PCI riser card - adds 1 full-height PCI slot	X		
	PCI riser card - adds 2 full-height PCI slots		X	
	NOTE: Low profile slots are unusable with riser card installed.			
	PCI extender card for CMT (adds 2 PCI)			X
	Serial & parallel I/O adapter	X		
	2nd serial port adapter (full height)			X
	2nd serial port adapter (low profile)		X	
Tower stand	X	X		
Graphics	Integrated Intel Graphics Media Accelerator 950	X	X	X
	DVI ADD2 SDVO single head Graphics Adapter for USDT	X		
	DVI ADD2 SDVO single head Graphics Adapter (low profile)		X	
	DVI ADD2 SDVO single head Graphics Adapter (full height)		X	X
	ATI RADEON X300 SE PCI Express 128-MB DDR single head DVI with TV out		X	X
	NVIDIA Quadro NVS 280 64MB PCI dual head VGA	X*	X	X
	NVIDIA Quadro NVS 50 64MB PCI DVI with TV-Out	X*	X	X
	NOTE: *Requires optional PCI riser card.			
Software	Norton AntiVirus 2005	X	X	X
	Microsoft Office 2003 Basic	X	X	X
	Microsoft Office 2003 Professional	X	X	X
	Microsoft Office 2003 Small Business	X	X	X
	PDF Complete	X	X	X
	QuickBooks Simple Start	X	X	X



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		Ultra-slim Desktop	Small Form Factor	Convertible Minitower
Communications	NICs			
	Broadcom NetXtreme Gigabit Ethernet PCI Express x1 Adapter		X	X
	Intel Pro/1000 MT Gigabit Ethernet PCI Adapter (full height only)			X
	Modem			
	Agere 56K PCI Modem		X	X
Graphics	Single head solutions			
	DVI ADD2 Graphics Adapter (full height)		X	X
	ATI RADEON X300 SE PCI Express 128-MB DDR DVI with TV out		X	X
	NVIDIA Quadro NVS 50 64-MB Graphics Card (PCI version)	X*	X	X
	Multi head solutions			
	NVIDIA Quadro NVS 280 64-MB PCI dual head (DMS59 connector with dual VGA Y-cable)	X*	X	X
	NVIDIA Quadro NVS 280 64MB PCIe dual head (DMS59 connector with dual VGA Y-cable)		X	X
Dual DVI Y-cable for DY599A or DY650A		X	X	
	NOTE: *Requires optional PCI riser card.			
Hard Drives	Serial ATA Hard Drives			
	80-GB SATA 3.0-Gb/s Hard Drive	X	X	X
	160-GB SATA 3.0-Gb/s Hard Drive	X	X	X
	250-GB SATA 3.0-Gb/s Hard Drive	X	X	X
Input/Output Devices	Keyboards			
	HP PS/2 2004 Standard Keyboard	X	X	X
	HP USB 2004 Standard Keyboard	X	X	X
	HP USB Easy Access Smartcard Keyboard	X	X	X
	HP Smartcard Adapter	X	X	X
	Pointing Devices			
	HP PS/2 2-Button Scroll Mouse (Carbonite)	X	X	X
	HP USB 2-Button Optical Scroll Mouse (Carbonite/Silver)	X	X	X



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Monitors

TFTs

HP L1502 15" TFT Monitor (Analog only)	X	X	X
HP L1530 15" TFT Monitor (Analog,Digital; Integrated Speakers)	X	X	X
HP L1702 17" TFT Monitor (Analog only)	X	X	X
HP L1740 17" TFT Monitor (Analog,Digital)	X	X	X
HP L1755 17" TFT Carbonite Monitor (Analog,Digital)	X	X	X
HP L1902 19" TFT Monitor (Analog only)	X	X	X
HP L1940 19" TFT Monitor (Analog,Digital)	X	X	X
HP L1955 19" TFT Carbonite Monitor (Analog,Digital)	X	X	X
HP L2035 20" TFT Monitor (Analog,Digital)	X	X	X
HP L2335 23" TFT Widescreen Monitor (Analog,Digital)	X	X	X

CRTs

HP s7540 17" CRT Monitor	X	X	X
HP v7650 17" Flat CRT Monitor	X	X	X
S9500 2-Tone Monitor	X	X	X
HP P1230 22" CRT Monitor	X	X	X