



## HP Compaq dx7500 Microtower PC Intel® Core™ 2 Duo E7400 2 GB DDR2-SDRAM 320 GB Intel® GMA X4500HD Windows Vista Home Premium

**Brand :** HP

**Product code:** NN745EA

**Product name :** Compaq dx7500 Microtower PC

Compaq dx7500 Microtower PC Intel® Core™ 2 Duo E7400 Home Edition 2.80 GHz, 2 x 1 GB PC2-6400 DDR2 800 SDRAM, 320 GB SATA 3.0Gb/s, SATA DVD+/-RW 16x SuperMulti LightScribe & HP Media Card Reader 22-in-1 (3.5" with PCI), Windows Vista® Home Premium

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You require a reliable PC that works for your business. The HP Compaq dx7500 Business Desktop PC series is designed for out-of the box productivity without compromising efficiency. Get right to work with latest processors and chipset from Intel®, including support for Intel® Core™ 2 Quad processors and pre-installed operating system.



Processor		Processor special features	
Processor manufacturer *	Intel	Embedded options available	✓
Processor family *	Intel® Core™ 2 Duo	Intel® InTru™ 3D Technology	✗
Processor model *	E7400	Intel® Insider™	✗
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor threads	2	Intel Clear Video Technology	✗
Processor frequency *	2.8 GHz	Intel VT-x with Extended Page Tables (EPT)	✗
Processor socket	LGA 775 (Socket T)	Idle States	✓
Processor cache	3 MB	Thermal Monitoring Technologies	✓
Processor cache type	L2	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor front side bus	1066 MHz	Intel Trusted Execution Technology	✗
Bus type	FSB	Execute Disable Bit	✓
FSB Parity	✗	Intel FDI Technology	✗
Processor lithography	45 nm	Intel Flex Memory Access	✗
Processor operating modes	64-bit	Intel Fast Memory Access	✗
Processor series	Intel Core 2 Duo E7000 Series	Intel Enhanced Halt State	✓
Processor codename	Wolfdale	Intel Demand Based Switching	✗
Thermal Design Power (TDP)	65 W	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Tcase	74.1 °C	Processor package size	37.5 x 37.5 mm
Number of Processing Die	228 M		
Transistors			
Processing Die size	82 mm <sup>2</sup>		
Stepping	R0		
CPU multiplier (bus/core ratio)	10.5		
ECC supported by processor	✗		

Memory		Processor special features		
Internal memory *	2 GB	Processor code	SLB9Y	
Maximum internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗	
Internal memory type	DDR2-SDRAM	Intel Virtualization Technology (VT-x)	2	
Memory clock speed	800 MHz	Intel Dual Display Capable Technology	✗	
Storage		Intel Rapid Storage Technology	✗	
Total storage capacity *	320 GB	Processor ARK ID	36500	
Optical drive type *	DVD Super Multi	Intel® Turbo Boost Technology	✗	
HDD speed	7200 RPM	Intel® Hyper Threading Technology (Intel® HT Technology)	✗	
Card reader integrated	✓	Intel® Quick Sync Video Technology	✗	
Graphics		Intel® My WiFi Technology (Intel® MWT)	✗	
Discrete graphics card model *	Intel® GMA X4500HD	Intel® Anti-Theft Technology (Intel® AT)	✗	
Maximum graphics card memory	0.096 GB	Conflict-Free processor	✗	
Ports & interfaces		Power		
I/O ports	Rear: 4 USB 2.0, 2 PS/2, 1 RJ-45, 1 1394, 1 VGA, 1 DVI-D, SPDIF in/out, audio in/out, Mic In, Front: 3 USB 2.0, audio ports, 1 1394	Power consumption (typical)	300 W	
USB 2.0 ports quantity *	7	Operational conditions		
VGA (D-Sub) ports quantity	1	Operating temperature (T-T)	5 - 35 °C	
DVI port	✓	Storage temperature (T-T)	-30 - 60 °C	
PS/2 ports quantity	2	Operating relative humidity (H-H)	15 - 80%	
Firewire (IEEE 1394) ports	2	Non-operating altitude	4572	
Ethernet LAN (RJ-45) ports	1	Weight & dimensions		
Microphone in	✓	Width *	185 mm	
Headphone outputs	1	Depth *	416 mm	
S/PDIF out port	✓	Height *	385 mm	
Expansion slots		Weight *	10.2 kg	
PCI Express x1 slots	3	Display		
PCI Express x16 slots	1	Display included *	✗	
Design		Other features		
Chassis type *	Micro Tower	Video card features	Multi-display Support: Dual Independent monitor support facilitated via one VGA port and one DVI integrated on the back plane of the system board and presented as part of the rear I/O set of interfaces. DisplayPort supported via optional HP DisplayPort to DVI-D adapter. Integrated Intel Graphics Media Accelerator X4500HD 85 Hz at up to 1920x1440, 75 Hz at 2048x1536	
Cable lock slot	✓			
Cable lock slot type	Kensington			
Country of origin	China			
Performance		Acoustic power emissions		
Audio system	HD			
Product type *	PC			
Software				
Operating system installed *	Windows Vista Home Premium	Non-operating relative humidity (non-condensing)	5 - 90%	
Compatible operating systems	Genuine Windows Vista Ultimate 32-bit	Power requirements	90 - 140 / 100 - 127 VAC, 50/60 Hz, 47 - 63 Hz	
Applications supported	Windows Vista Premium ready	Video adapter, bus	PCI Express x16	
		Storage drive controller	SATA 3.0Gb/s	
		Driver LAN	IDLE (Fixed disk drive spinning): LWAd = 3.7 Bels; FIXED DISK (Random write): LWAd = 4.0 Bels; OPTICAL DRIVE (Sequential Reads): LWAd = 5.2 Bels	
			Microsoft Windows Vista Business 32bits, Microsoft Windows Vista Business 64bits, Microsoft XP, FreeDos	
			Optional 1.44 MB Diskette Drive, Pocket Media Drive Bay, Pocket Media Drive Bay & 250GB Drive	
			Storage drive type	
		Diskette drive	320 GB	
		Storage drive type	320 GB	
		LightScribe	✓	

Software		Other features	
Bundled software	On some models only (not included with FreeDOS): Roxio Easy Media Creator 10** (** Supporting software available with certain optical drive configurations), Intervideo WinDVD 8** (** Supporting software available with certain optical drive configurations), McAfee Total Protection Anti-Virus*** (***) 60 day trial period for McAfee Total Protection for Small Business software. Internet access required to receive updates. First update included. Subscription required for updates thereafter.), PDF Complete, Google Toolbar	Security features	Kensington Lock
	Optional preloaded software, only for certain configurations: Microsoft Office 2007 Basic, Microsoft Office 2007 Small Business, Microsoft Office 2007 Professional, Credential Manager 2.5 for dx Series	Drive bays	2 external 5.25 inch, 1 external 3.5 inch 2 internal 3.5 inch
		Expansion slots	3 full-height PCI Express x1, 1 full-height PCI Express x16
		Audio included	Integrated High Definition audio with Realtek ALC888S codec, 3D audio compliant with AC'97 Rev. 2.3, internal PC speaker
		Security management description	Padlock loop, Kensington Lock Support
		Upgrade type	Windows Vista capable
		External drive bays	2 x 5.25", 1 x 3.5"
		Networking features	Intel 82567LM Gigabit NC
		Keyboard type	HP USB Value Standard Keyboard
		Pointing device	HP USB 2-Button Optical Scroll Mouse
		Graphics card family	Intel
Processor special features			
Intel® Wireless Display (Intel® WiDi)	✗		
Intel 64	✓		
Enhanced Intel SpeedStep Technology	✓		



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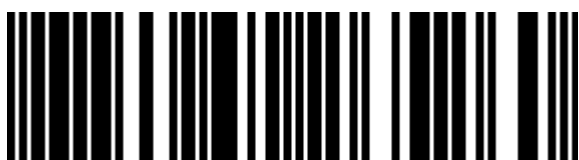
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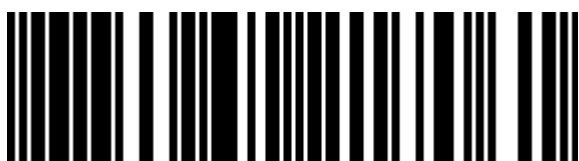
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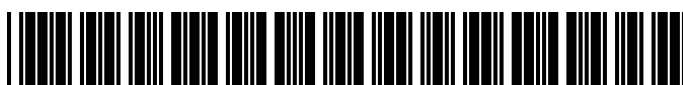
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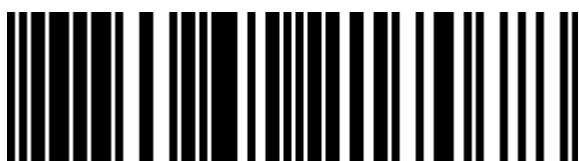
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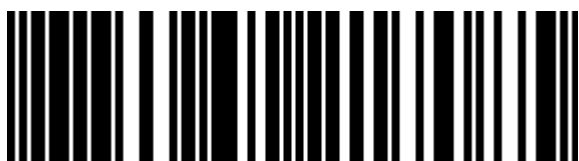
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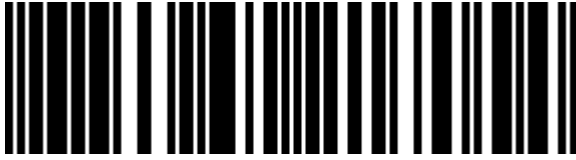
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