



## HP Compaq nc6400 Business Notebook PC Intel® Core™ Duo T2500 35.8 cm (14.1") 0.5 GB DDR2-SDRAM 60 GB Intel® GMA 950 Windows XP Professional

**Brand :** HP

**Product code:** RA253AW#ABH

**Product name :** Compaq nc6400 Business Notebook PC



Compaq nc6400 Business Notebook PC - Core Duo T2500, 512MB, 60GB, 14.1" TFT, DVD/CDRW, WLAN & Bluetooth, Windows XP Pro

HP Compaq nc6400 Business Notebook PC Intel® Core™ Duo T2500 35.8 cm (14.1") 0.5 GB DDR2-SDRAM 60 GB Intel® GMA 950 Windows XP Professional:



### The absolute business professional with enhanced network security features in a thin and light 14.1" widescreen design.

- Featuring genuine Windows for a familiar and intuitive environment.
- Starting at just 2.0 kg, offering up to 12h 15m power with the HP Extended Life Battery and featuring MultiBay II drive options for added flexibility.
- Features a choice of powerful ATI graphics or Intel GMA 950 and powerful new Intel Core Duo processors.
- Take advantage of the broad offering of HP Professional Innovations, including the HP Privacy Filter and the HP Disk Sanitizer.
- Compatible with all common notebook accessories shared across HP's Business Notebook line.

Design		Processor special features	
Country of origin	China	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Display		Intel® Turbo Boost Technology	✗
Display diagonal *	35.8 cm (14.1")	Enhanced Intel SpeedStep Technology	✓
Processor		Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor manufacturer *	Intel	Intel Clear Video Technology	✗
Cache external	2048 KB	Intel® InTru™ 3D Technology	✗
Processor family *	Intel® Core™ Duo	Intel® Insider™	✗
Processor model *	T2500	Intel® Quick Sync Video Technology	✗
Processor cores	2	Intel Flex Memory Access	✗
Processor threads	2	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor frequency *	2 GHz	Intel Trusted Execution Technology	✗
Processor cache	2 MB	Intel Enhanced Halt State	✗
Processor cache type	L2	Intel VT-x with Extended Page Tables (EPT)	✗
Processor socket	Socket 479	Intel Demand Based Switching	✗
Processor front side bus	667 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Processor lithography	65 nm	Intel 64	✗
Processor operating modes	32-bit	Execute Disable Bit	✓
Processor series	Intel Core Duo T2000 Series	Idle States	✗
Processor codename	Yonah	Thermal Monitoring Technologies	✗
Bus type	FSB	Processor package size	35 x 35 mm
FSB Parity	✗	Processor code	SL9K2
Stepping	C0	Physical Address Extension (PAE)	✓
Thermal Design Power (TDP)	31 W	Physical Address Extension (PAE)	32 bit
Scenario Design Power (SDP)	0 W	Embedded options available	✓
Tjunction	100 °C		
Number of Processing Die Transistors	151 M		
Processing Die size	90 mm <sup>2</sup>		
Processor technology	Intel Centrino Duo Mobile		
CPU multiplier (bus/core ratio)	12		
ECC supported by processor	✗		

Memory		Processor special features	
Memory upgrade	4 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Internal memory *	0.5 GB	Intel Virtualization Technology (VT-x)	✓
Internal memory type	DDR2-SDRAM	Intel Dual Display Capable Technology	✗
Memory layout (slots x size)	1 x 0.5 GB	Intel FDI Technology	✗
Memory slots	2x SO-DIMM	Intel Rapid Storage Technology	✗
Maximum internal memory *	4 GB	Intel Fast Memory Access	✗
Storage		Processor ARK ID	27236
Total storage capacity *	60 GB	Conflict-Free processor	✗
HDD interface	SATA	Battery	
HDD speed	5400 RPM	Number of battery cells	6
Compatible memory cards	SD	Power	
Graphics		AC adapter power	90 W
Discrete graphics card model *	Intel® GMA 950	DC-in jack	✓
Discrete graphics card *	✓	Security	
Maximum graphics card memory	0.128 GB	Cable lock slot	✓
Audio		Cable lock slot type	Kensington
Audio system	Premier Sound, HDA 24-bit	Security management description	Kensington lock slot,integrated Smart Card Reader Kensington lock slot, integrated Smart Card Reader
Number of built-in speakers	2	Operational conditions	
Audio included	HP Premier Sound High Definition Audio 24-bit DAC, headphone jack, microphone jack, integrated microphone	Non-operating relative humidity (non-condensing)	5 - 90%
Camera		Operating temperature (T-T)	0 - 35 °C
Front camera	✗	Storage temperature (T-T)	-20 - 60 °C
Optical drive		Operating relative humidity (H-H)	10 - 90%
CD read speed	24x	Storage relative humidity (H-H)	5 - 95%
Network		Weight & dimensions	
Networking features	Gigabit Ethernet, Wireless LAN, Bluetooth	Width	330 mm
Networking speed	10/100/1000 Mbps Base-TX	Depth	239 mm
Ports & interfaces		Height	29.2 mm
USB 2.0 ports quantity *	3	Weight *	2 kg
Ethernet LAN (RJ-45) ports	1	Hard drive	
DVI port	✗	Diskette drive	✗
VGA (D-Sub) ports quantity	1	Video	
Headphone outputs	1	Video card features	ATI Mobility Radeon X1300
S/PDIF out port	✗	Packaging content	
Microphone in	✓	AC adapter included *	✓
Docking connector	✗	Other features	
CardBus PCMCIA slots quantity	1	Security features	HP ProtectTools HP Enhanced Drivelock HP Biometric Fingerprint Sensor TPM Embedded Security Chip
CardBus PCMCIA slot type	Type II	Wireless technology	Intel or Broadcom Wireless LAN 802.11 and/or Bluetooth 2.0, 3G Broadband Wireless ready Intel Wireless LAN 802.11a/b/g, Bluetooth; 3G Broadband Wireless optional
SmartCard slot	✓	Infrared data port	✓
I/O ports	3 USB 2.0 ports, VGA, headphone, microphone, AC adapter, RJ-11, RJ-45, S-video TV out, Fast IR	Power requirements	External 90W AC adapter 6-cell Lithium-Ion battery internal
Modem (RJ-11) ports	1	Power management	4-cell Lithium-Ion (optional only on shared video memory models), 6-cell Lithium-Ion battery
TV-out	✓	Wireless option type	✓
TV-out type	S-Video	Performance	
Performance		Motherboard chipset	Intel® 945PM Express
Keyboard		Keyboard	
Keyboard type	Full-sized	Keyboard type	Full-sized
Pointing device	Touchpad + Pointing Stick	Pointing device	Touchpad + Pointing Stick
Keyboard layout	QWERTY	Keyboard layout	QWERTY
Software		Software	
Operating system installed *	Windows XP Professional	Operating system installed *	Windows XP Professional

Software		Other features	
Bundled software	HP Mobile printerdriver HP Backup & Recovery Manager HP ProtectTools Security Manager Sonic Digital Media Plus Intervideo WinDVD 5 Adobe Acrobat Reader HP Help and Support Symantec Norton Internet Security (trial) HP OpenView Radia Management Solutions	Docking solution	HP Basic Docking Station, HP Advanced Docking Station, HP External MultiBay II, HP Monitor Stands (all sold separately) HP Docking Station, HP Advanced Docking Station, HP External MultiBay II, HP Monitor Stands (all sold separately)
		Multi-bay devices	Integrated Multibay II devices
Processor special features		Relative humidity	10 - 90%
Intel® Wireless Display (Intel® WiDi)	×	TV-in port	×
Intel® My WiFi Technology (Intel® MWT)	×	Compatible operating systems	FreeDOS, Windows 2000 drivers available on <a href="http://www.hp.com">www.hp.com</a>
Intel® Anti-Theft Technology (Intel® AT)	×	Expansion slots	1x Secure Digital (SD)
		Upgrade type	Windows Vista capable
		Protection tools	HP ProtectTools, HP Enhanced Drivelock, HP TPM Embedded Security Chip, HP Biometric Fingerprint Sensor, HP Privacy Filter (optional)
		Internal modem	✓
		Modem speed	56 Kbit/s
		Modem type	Data/Fax V.92

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