HP

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		
Processor family *	Intel® Core™ Duo	Intel® InTru™ 3D Technology	✘
Processor model *	T2500	Intel® Insider™	✘
Processor cores	2	Intel® Quick Sync Video Technology	✘
Processor threads	2	Intel Flex Memory Access	✘
Processor frequency *	2 GHz	Intel® AES New Instructions (Intel® AES-NI)	✘
Processor cache	2 MB		
Processor cache type	L2	Intel Trusted Execution Technology	✘
Processor socket	Socket 479	Intel Enhanced Halt State	✘
Processor front side bus	667 MHz	Intel VT-x with Extended Page Tables (EPT)	✘
Processor lithography	65 nm		
Processor operating modes	32-bit	Intel Demand Based Switching	✘
Processor series	Intel Core Duo T2000 Series	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Processor codename	Yonah		
Bus type	FSB		
FSB Parity	✘	Intel 64	✘
Stepping	C0	Execute Disable Bit	✔
Thermal Design Power (TDP)	31 W	Idle States	✘
Scenario Design Power (SDP)	0 W	Thermal Monitoring Technologies	✘
Tjunction	100 °C	Processor package size	35 x 35 mm
Number of Processing Die Transistors	151 M	Processor code	SL9K2
Processing Die size	90 mm²	Physical Address Extension (PAE)	✔
Processor technology	Intel Centrino Duo Mobile	Physical Address Extension (PAE)	32 bit
CPU multiplier (bus/core ratio)	12	Embedded options available	✔
ECC supported by processor	✘		

Memory

Memory upgrade	4 GB
Internal memory *	0.5 GB
Internal memory type	DDR2-SDRAM
Memory layout (slots x size)	1 x 0.5 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	4 GB

Storage

Total storage capacity *	60 GB
HDD interface	SATA
HDD speed	5400 RPM
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Intel® GMA 950
Discrete graphics card *	✔
Maximum graphics card memory	0.128 GB

Audio

Audio system	Premier Sound, HDA 24-bit
Number of built-in speakers	2
Audio included	HP Premier Sound High Definition Audio 24-bit DAC, headphone jack, microphone jack, integrated microphone

Camera

Front camera	✗

Optical drive

CD read speed	24x

Network

Networking features	Gigabit Ethernet, Wireless LAN, Bluetooth
Networking speed	10/100/1000 Mbps Base-TX

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports	1
DVI port	✗
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✗
Microphone in	✔
Docking connector	✗
CardBus PCMCIA slots quantity	1
CardBus PCMCIA slot type	Type II
SmartCard slot	✔
I/O ports	3 USB 2.0 ports, VGA, headphone, microphone, AC adapter, RJ-11, RJ-45, S-video TV out, Fast IR
Modem (RJ-11) ports	1
TV-out	✔
TV-out type	S-Video

Performance

Motherboard chipset	Intel® 945PM Express

Keyboard

Keyboard type	Full-sized
Pointing device	Touchpad + Pointing Stick
Keyboard layout	QWERTY

Software

Operating system installed *	Windows XP Professional

Processor special features

Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✗
Intel FDI Technology	✗
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✗
Processor ARK ID	27236
Conflict-Free processor	✗

Battery

Number of battery cells	6

Power

AC adapter power	90 W
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Security management description	Kensington lock slot,integrated Smart Card Reader Kensington lock slot, integrated Smart Card Reader

Operational conditions

Non-operating relative humidity (non-condensing)	5 - 90%
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 95%

Weight & dimensions

Width	330 mm
Depth	239 mm
Height	29.2 mm
Weight *	2 kg

Hard drive

Diskette drive	✗

Video

Video card features	ATI Mobility Radeon X1300

Packaging content

AC adapter included *	✔

Other features

Security features	HP ProtectTools HP Enhanced Drivelock HP Biometric Fingerprint Sensor TPM Embedded Security Chip
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
Infrared data port	✔
Power requirements	External 90W AC adapter 6-cell Lithium-Ion battery internal
Power management	4-cell Lithium-Ion (optional only on shared video memory models), 6-cell Lithium-Ion battery
Wireless option type	✔

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 www.hp.com
		Expansion slots	1x Secure Digital (SD)
Intel® Anti-Theft Technology (Intel® AT)	✘	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