Lenovo ThinkPad T400 Intel® Core™2 Duo P8700 35,8 cm (14.1") 2 GB DDR3-SDRAM 320 GB AMD Mobility Radeon HD 3470 Windows 7 Professional

Brand : Lenovo   **Product family:** ThinkPad   **Article code:** NM38HPB

Product name : ThinkPad T400

Lenovo ThinkPad T400. Processor family: Intel® Core™2 Duo, Processor model: P8700, Processor frequency: 2,53 GHz. Display diagonal: 35,8 cm (14.1"), Display resolution: 1440 x 900 pixels. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 320 GB. Discrete graphics card model: AMD Mobility Radeon HD 3470. Operating system installed: Windows 7 Professional. Weight: 2,38 kg

Display

Display diagonal *	35,8 cm (14.1")
Display resolution *	1440 x 900 pixels
Native aspect ratio	16:10

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™2 Duo
Processor model *	P8700
Processor cores	2
Processor threads	2
Processor frequency *	2,53 GHz
Processor cache	3 MB
Processor cache type	L2
Processor socket	Socket 479
Processor front side bus	1066 MHz
Processor lithography	45 nm
Processor operating modes	64-bit
Processor series	Intel Core 2 Duo P8000 Series
Processor codename	Penryn
Bus type	FSB
FSB Parity	✗
Stepping	R0
Thermal Design Power (TDP)	25 W
Tjunction	105 °C
Number of Processing Die Transistors	410 M
Processing Die size	107 mm²
CPU multiplier (bus/core ratio)	9,5
ECC supported by processor	✗

Processor special features

Intel® Wireless Display (Intel® WiDi)	✗
Intel® My WiFi Technology (Intel® MWT)	✗
Intel® Anti-Theft Technology (Intel® AT)	✗
Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® Turbo Boost Technology	✗
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✗
Intel® Insider™	✗
Intel® Quick Sync Video Technology	✗
Intel Flex Memory Access	✗
Intel® AES New Instructions (Intel® AES-NI)	✗
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✗
Intel Demand Based Switching	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Intel 64	✔
Execute Disable Bit	✔

Memory

Internal memory *	2 GB
Internal memory type	DDR3-SDRAM
Memory layout (slots x size)	1 x 2 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	4 GB

Storage

Total storage capacity *	320 GB
HDD interface	SATA
HDD speed	5400 RPM
Card reader integrated	✔
Compatible memory cards	MMC, MS Pro, SD, SDHC, xD

Graphics

Discrete graphics card model *	AMD Mobility Radeon HD 3470
Discrete graphics card *	✔
Maximum graphics card memory	0,256 GB

Audio

Audio system	High Definition Audio
Number of built-in speakers	2
Speaker power	2 W

Network

Networking features	Gigabit Ethernet
Bluetooth	✔

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports	1
DVI port	✘
VGA (D-Sub) ports quantity	1
Firewire (IEEE 1394) ports	1
Headphone outputs	1
S/PDIF out port	✘
Microphone in	✔
Docking connector	✔
ExpressCard slot	✔
CardBus PCMCIA slot type	✘
SmartCard slot	✔
Modem (RJ-11) ports	1
TV-out	✘

Keyboard

Pointing device	ThinkPad UltraNav

Software

Operating system installed *	Windows 7 Professional

Processor special features

Idle States	✔
Thermal Monitoring Technologies	✘
Processor package size	35 x 35 mm
Processor code	SLGFE
Embedded options available	✘
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	37006
Conflict-Free processor	✘

Battery

Number of battery cells	6
Battery life (max)	6,3 h

Power

DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	IBM
Fingerprint reader	✔

Weight & dimensions

Width	335 mm
Depth	238 mm
Height	32 mm
Weight *	2,38 kg

Other features

Wireless technology	IEEE 802.11a/g/n
Infrared data port	✘
Type	PC
Display	LCD
TV-in port	✘
HDD user password	✔
Internal modem	✔
Modem speed	56 Kbit/s
Modem type	V.90
Intel segment tagging	Home office, Small Business

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