



## Lenovo ThinkPad T61 Intel® Core™ 2 Duo T7300 15.4" 1 GB DDR2-SDRAM 80 GB Intel® GMA X3100 Windows XP Professional

**Brand :** Lenovo

**Product family:** ThinkPad

**Article code:** NI05BDK

**Product name :** ThinkPad T61

Intel Core 2 Duo T7300(2GHz), 1GB RAM, 80GB 5400rpm HD, 15.4in 1280x800, Intel X3100, CDRW/DVD, Intel 802.11a/gn, Modem, 1Gb Ethernet, UltraNav, Secure chip, FPR, 6c Li-Ion, Windows XP Pro

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ThinkPad T Series is the perfect balance of performance and portability. Designed for highly mobile users, these notebooks deliver outstanding functionality and long battery life in an easily portable, thin and light design. New ThinkPad T61 models are the most secure, strongest, coolest and quietest T Series notebooks ever, and are available in highly mobile 14.1" wide and 15.4" wide screen sizes. T61 models are available with Genuine Windows Vista™ and feature Intel® Core™ 2 Duo processors and available Intel® Centrino® Pro processor technology for greater levels of mobile performance, reliability, and manageability.



Display		Software	
Display diagonal *	39.1 cm (15.4")	Operating system installed *	Windows XP Professional
Display resolution *	1280 x 800 pixels	<b>Processor special features</b>	
Native aspect ratio	16:10	Intel® Wireless Display (Intel® WiDi)	✗
<b>Processor</b>		Intel® My WiFi Technology (Intel® MWT)	✗
Processor manufacturer *	Intel	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor family *	Intel® Core™ 2 Duo	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor model *	T7300	Intel® Turbo Boost Technology	✗
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor frequency *	2 GHz	Intel Clear Video Technology	✗
Processor cache	4 MB	Intel® InTru™ 3D Technology	✗
Processor cache type	L2	Intel® Insider™	✗
Processor socket	PBGA479, PGA478	Intel® Quick Sync Video Technology	✗
Processor front side bus	800 MHz	Intel Flex Memory Access	✗
Processor lithography	65 nm	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor operating modes	64-bit	Intel Trusted Execution Technology	✗
Processor series	Intel Core 2 Duo T7000 Series	Intel Enhanced Halt State	✓
Processor codename	Merom	Intel VT-x with Extended Page Tables (EPT)	✗
Bus type	FSB	Intel Demand Based Switching	✗
FSB Parity	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Thermal Design Power (TDP)	35 W	Intel 64	✓
Tjunction	100 °C	Execute Disable Bit	✓
Number of Processing Die Transistors	291 M	Idle States	✓
Processing Die size	143 mm²		
CPU multiplier (bus/core ratio)	10		
ECC supported by processor	✗		
<b>Memory</b>			
Internal memory *	1 GB		
Internal memory type	DDR2-SDRAM		
Memory slots	2x SO-DIMM		

Storage		Processor special features	
Total storage capacity *	80 GB	Thermal Monitoring Technologies	✗
HDD interface	SATA	Processor package size	35 x 35 mm
HDD speed	5400 RPM	Embedded options available	✗
Optical drive type *	DVD-ROM	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Graphics		Intel Dual Display Capable Technology	✗
Discrete graphics card model *	Intel® GMA X3100	Intel FDI Technology	✗
Discrete graphics card *	✓	Intel Rapid Storage Technology	✗
Audio		Intel Fast Memory Access	✗
Audio system	High Definition Audio	Processor ARK ID	29760
Number of built-in speakers	2	Conflict-Free processor	✗
Speaker power	2 W	Battery	
Camera		Number of battery cells	6
Front camera	✗	Power	
Optical drive		DC-in jack	✓
DVD read speed	8x	Security	
CD read speed	24x	Cable lock slot	✓
CD write speed	24x	Cable lock slot type	IBM
CD rewrite speed	24x	Fingerprint reader	✓
Network		Weight & dimensions	
Networking features	Gigabit Ethernet	Width	357.5 mm
Bluetooth	✗	Depth	255 mm
Ports & interfaces		Height	30 mm
USB 2.0 ports quantity *	3	Weight *	2.58 kg
Ethernet LAN (RJ-45) ports	1	Other features	
DVI port	✗	Wireless technology	IEEE 802.11a/g/n
VGA (D-Sub) ports quantity	1	Infrared data port	✗
Firewire (IEEE 1394) ports	1	Type	PC
Headphone outputs	1	Display	LCD
S/PDIF out port	✗	TV-in port	✗
Microphone in	✓	HDD user password	✓
Docking connector	✓	Internal modem	✓
ExpressCard slot	✓	Modem speed	56 Kbit/s
CardBus PCMCIA slots quantity	1		
CardBus PCMCIA slot type	Type II		
SmartCard slot	✓		
Modem (RJ-11) ports	1		
TV-out	✗		
Keyboard			
Pointing device	ThinkPad UltraNav		

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