Lenovo

Lenovo ThinkPad T61 Intel® Core™2 Duo T8100 35.8 cm (14.1") 1 GB DDR2-SDRAM 100 GB Intel® GMA X3100 Windows XP Professional Black

Brand : Lenovo   **Product family:** ThinkPad   **Product code:** 7658RVU

Product name : ThinkPad T61

Intel Core 2 Duo T8100(2.1GHz), 1GB RAM, 100GB, 14.1in 1280 x 800 LCD, Intel GMA X3100, DVD-RW, Intel 802.11agn, Modem, 1Gb Ethernet, UltraNav, Secure chip, Fingerprint reader, 6c Li-Ion, XP

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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 manageabilty

Design	
Product colour *	Black

Display	
Display diagonal *	35.8 cm (14.1")
Display resolution *	1280 x 800 pixels
Native aspect ratio	16:10
Dual-screen	✘

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™2 Duo
Processor *	T8100
Processor number of cores	2
Processor threads	2
Processor frequency *	2.1 GHz
Processor cache	3 MB
Processor cache type	L2
Processor socket	Socket 478
Processor front side bus	800 MHz
Processor lithography	45 nm
Processor operating modes	64-bit
Processor series	Intel Core 2 Duo T8000 Series
Processor codename	Penryn
Bus type	FSB
FSB Parity	✘
Stepping	M0
Thermal Design Power (TDP)	35 W
Tjunction	105 °C
Number of Processing Die Transistors	410 M
Processing die size	107 mm²
CPU multiplier (bus/core ratio)	10.5
ECC supported by processor	✘

Keyboard	
Pointing device	ThinkPad UltraNav

Software	
Operating system installed *	Windows XP Professional

Processor special features	
Intel Wireless Display (WiDi) Technology	✘
Intel My WiFi Technology	✘
Intel Anti-Theft Technology	✘
Intel Hyper-Threading Technology	✘
Intel Turbo Boost Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✘
Intel Clear Video Technology	✘
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Quick Sync Video Technology	✘
Intel Flex Memory Access	✘
Intel AES New Instructions	✘
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 MID	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✘

Memory

Internal memory *	1 GB
Internal memory type	DDR2-SDRAM

Storage

Total storage capacity *	100 GB
Hard drive interface	SATA
Hard drive rotational speed	7200 RPM
Optical drive type *	DVD-RW
Card reader integrated	✔

Graphics

Discrete graphics card model *	Intel® GMA X3100
Discrete graphics card *	✔
Maximum graphics card memory	0 GB

Audio

Audio system	High Definition Audio
Number of built-in speakers	2

Camera

Front camera	✘

Network

Wi-Fi	✔
Networking features	Gigabit Ethernet
Bluetooth	✘

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports quantity	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 slots quantity	1
CardBus PCMCIA slot type	Type II
SmartCard slot	✔
Modem (RJ-11) ports	1
TV-out	✘

Performance

Motherboard chipset	Intel® PM965 Express

Processor special features

Processor package size	35 x 35 mm
Processor code	SLAVJ
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	33916
Conflict-Free processor	✘

Battery

Number of battery cells	6

Energy Management

DC-in jack	✔

Security

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

Weight & Dimensions

Width	335 mm
Depth	237 mm
Height	30 mm
Weight *	2.4 kg

Packaging Content

AC adapter bundled *	✔

Other features

Infrared data port	✘
Graphics card family	Intel
Type	PC
TV-in port	✘
Hard disk drive, user password	✔
Internal modem	✔
TV tuner integrated	✘

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