



Lenovo ThinkPad T430 Intel® Core™ i7 i7-3520M 35,6 cm (14") HD+ 4 GB DDR3-SDRAM 180 GB SSD NVIDIA® NVS™ 5200M Windows 7 Professional Black



Brand : Lenovo

Product family: ThinkPad

Product code: 23539WU

Product name : T430

Intel Core i7-3520M(2.9GHz), 4GB RAM, 180GB SSD, Windows 7 Professional 64

Lenovo ThinkPad T430 Intel® Core™ i7 i7-3520M 35,6 cm (14") HD+ 4 GB DDR3-SDRAM 180 GB SSD
NVIDIA® NVS™ 5200M Windows 7 Professional Black:

BUILD YOUR BUSINESS ON A SOLID FOUNDATION.

The rock-solid build and high productivity of the T430 make it the perfect laptop for any business. It's reliable, durable, and designed to work hard in every business environment.

Lenovo ThinkPad T430. Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3520M, Processor frequency: 2,9 GHz. Display diagonal: 35,6 cm (14"), HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 180 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 7 Professional. Product colour: Black

Design		Software	
Product colour *	Black	Operating system architecture	64-bit
Form factor *	Clamshell	Drivers included	✓
Display		Operating system installed *	Windows 7 Professional
Display diagonal *	35.6 cm (14")	Processor special features	
Display resolution *	1600 x 900 pixels	Intel® Wireless Display (Intel® WiDi)	✓
Touchscreen *	✗	Intel® My WiFi Technology (Intel® MWT)	✓
HD type	HD+	Intel® Anti-Theft Technology (Intel® AT)	✓
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Display brightness	200 cd/m²	Intel® Turbo Boost Technology	2.0
Dual-screen	✗	Enhanced Intel SpeedStep Technology	✓
Processor		Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor manufacturer *	Intel	Intel Clear Video Technology	✗
Processor family *	Intel® Core™ i7	Intel® InTru™ 3D Technology	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® Insider™	✓
Processor model *	i7-3520M	Intel® Quick Sync Video Technology	✓
Processor cores	2	Intel Flex Memory Access	✓
Processor threads	4	Intel® Smart Cache	✓
Processor boost frequency	3.6 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor frequency *	2.9 GHz	Intel Trusted Execution Technology	✓
System bus rate	5 GT/s	Intel Enhanced Halt State	✓
Processor cache	4 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	Smart Cache	Intel Demand Based Switching	✗
Processor socket	BGA 1023	Intel® Secure Key	✓
Processor lithography	22 nm	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Processor operating modes	64-bit	Intel 64	✓
Processor series	Intel Core i7-3500 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	L1		
Thermal Design Power (TDP)	35 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express slots version	3.0	Execute Disable Bit	✓
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Idle States	✓
CPU multiplier (bus/core ratio)	29	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Processor package size	37.5 x 37.5 (rPGA988B); 31.0 x 24.0 (BGA1023)
Memory		Supported instruction sets	AVX
Internal memory *	4 GB	Processor code	SR0MU
Internal memory type	DDR3-SDRAM	CPU configuration (max)	1
Memory clock speed	1600 MHz	Embedded options available	✗
Maximum internal memory *	16 GB	Graphics & IMC lithography	22 nm
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	180 GB	Intel Identity Protection Technology version	1.00
Storage media *	SSD	Intel Secure Key Technology version	1.00
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	180 GB	Intel Dual Display Capable Technology	✓
Optical drive type *	DVD±RW	Intel FDI Technology	✓
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	64893
Discrete graphics card model *	NVIDIA® NVS™ 5200M	Conflict-Free processor	✓
On-board graphics card *	✓	Integrated 4G WiMAX	✓
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel® HD Graphics	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card model *	Intel® HD Graphics 4000	Number of battery cells	6
On-board graphics card base frequency	650 MHz	Battery capacity	2600 mAh
On-board graphics card dynamic frequency (max)	1250 MHz	Battery life (max)	9.7 h
On-board graphics card ID	0x166	Power	
Audio		AC adapter frequency	50 - 60 Hz
Audio system	Dolby Advanced Audio 2.0	AC adapter input voltage	100 - 240 V
Built-in speaker(s)	✓	DC-in jack	✓
Number of built-in speakers	2	Security	
Built-in subwoofer	✗	Cable lock slot	✗
Built-in microphone	✓	Certificates	
Camera		Compliance certificates	RoHS
Front camera resolution	1280 x 720 pixels	Sustainability	
Network		Sustainability certificates	EPEAT Gold, ENERGY STAR
Wi-Fi	✓	Weight & dimensions	
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Width	350.5 mm
Ethernet LAN	✓	Depth	232 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height	29.9 mm
Bluetooth	✗	Width (imperial)	35 cm (13.8")
Cabling technology	10/100/1000Base-T(X)	Depth (imperial)	23.2 cm (9.13")
Ports & interfaces		Height (imperial)	3 cm (1.18")
USB 2.0 ports quantity *	1	Weight *	2.17 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
Mini DisplayPorts quantity	1	Remote control included	✗
DVI port	✗	Manual	✓
VGA (D-Sub) ports quantity	1	Quick start guide	✓
Headphone outputs	1	Other features	
S/PDIF out port	✗	LightScribe	✗
Microphone in	✓		
Combo headphone/mic port	✓		
ExpressCard slot	✓		

Ports & interfaces		Other features	
CardBus PCMCIA slot type	✗	Infrared data port	✗
SmartCard slot	✓	Graphics card family	Intel, NVIDIA
Headphone connectivity	3.5 mm	Hot-swap	✗
Microphone connectivity	3.5 mm	TV tuner integrated	✗
Keyboard		Intel segment tagging	Home office, Small Business
Pointing device	ThinkPad UltraNav		
Numeric keypad *	✗		
Windows keys	✓		

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