

## Lenovo ThinkPad T430 Intel® Core™ i7 i7-3520M Computadora portátil 35.6 cm (14") 6 GB DDR3-SDRAM 500 GB Unidad de disco duro Windows 8 Pro Negro



Marca : Lenovo

Familia de productos:  
ThinkPadCódigo del producto:  
23422F9

Nombre del producto : T430

Lenovo ThinkPad T430. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-3520M, Frecuencia del procesador: 2.9 GHz. Diagonal de la pantalla: 35.6 cm (14"), Resolución de la pantalla: 1366 x 768 Pixel. Memoria interna: 6 GB, Tipo de memoria interna: DDR3-SDRAM. Capacidad total de almacenaje: 500 GB, Unidad de almacenamiento: Unidad de disco duro, Tipo de unidad óptica: DVD±RW. Modelo de gráficos en tarjeta: Intel® HD Graphics 4000. Sistema operativo instalado: Windows 8 Pro. Color del producto: Negro

Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Operating system installed *	Windows 8 Pro
Form factor *	Clamshell	Processor special features	
Market positioning	Business	Intel® Wireless Display (Intel® WiDi)	✓
Display		Intel® My WiFi Technology (Intel® MWT)	✓
Display diagonal *	35.6 cm (14")	Intel Smart Connect Technology	✗
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	✓
Touchscreen *	✗	Intel® Rapid Start Technology	✗
LED backlight	✓	Intel® Smart Response Technology	✗
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Display brightness	200 cd/m²	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Contrast ratio (typical)	300:1	Intel® Turbo Boost Technology	2.0
Processor		Intel® Matrix Storage Technology (Intel® MST)	✗
Processor manufacturer *	Intel	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor family *	Intel® Core™ i7	Intel® Active Management Technology (Intel® AMT)	✗
Processor generation	3rd gen Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor model *	i7-3520M	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	2	Intel Clear Video Technology	✗
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.6 GHz	Intel® Insider™	✓
Processor frequency *	2.9 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	5 GT/s	Intel Flex Memory Access	✓
Processor cache	4 MB	Intel® Smart Cache	✓
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket	BGA 1023	Intel Trusted Execution Technology	✓
Processor lithography	22 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
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		
PCI Express slots version	3.0		

Processor		Processor special features	
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Intel Demand Based Switching	✗
CPU multiplier (bus/core ratio)	29	Intel® Secure Key	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory			
Internal memory *	6 GB	Intel 64	✓
Internal memory type	DDR3-SDRAM	Execute Disable Bit	✓
Memory clock speed	1600 MHz	Idle States	✓
Memory form factor	SO-DIMM	Thermal Monitoring Technologies	✓
Memory layout (slots x size)	1 x 2 + 1 x 4 GB	Processor package size	37.5 x 37.5 (rPGA988B); 31.0 x 24.0 (BGA1023)
Memory slots	2x SO-DIMM	Supported instruction sets	AVX
Maximum internal memory *	16 GB	Processor code	SR0MU
Storage			
Total storage capacity *	500 GB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	22 nm
HDD capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD interface	SATA	Intel Identity Protection Technology version	1.00
HDD speed	7200 RPM	Intel Secure Key Technology version	1.00
HDD size	2.5"	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	DVD±RW	Intel Dual Display Capable Technology	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Rapid Storage Technology	✗
Graphics			
On-board graphics card *	✓	Intel Fast Memory Access	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	64893
On-board graphics card model *	Intel® HD Graphics 4000	Conflict-Free processor	✓
On-board graphics card base frequency	650 MHz	Integrated 4G WiMAX	✓
On-board graphics card dynamic frequency (max)	1250 MHz	Battery	
On-board graphics card ID	0x166	Battery technology	Lithium-Ion (Li-Ion)
Audio		Number of battery cells	6
Audio system	Dolby Advanced v2	Battery capacity	5200 mAh
Number of built-in speakers	2	Battery life (max)	9.7 h
Built-in microphone	✓	Power	
Camera		AC adapter power	65 W
Front camera	✓	DC-in jack	✓
Front camera resolution	1280 x 720 pixels	Security	
Network		Cable lock slot	✓
Wi-Fi	✓	Cable lock slot type	Kensington
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Fingerprint reader	✓
Ethernet LAN	✓	Certificates	
Ethernet LAN data rates	10,100,1000 Mbit/s	Compliance certificates	RoHS
Bluetooth	✓	Sustainability	
Bluetooth version	4.0	Sustainability certificates	EPEAT Gold, ENERGY STAR
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	2	Width	350.5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	232 mm
Ethernet LAN (RJ-45) ports	1	Height (front)	2.98 cm
Mini DisplayPorts quantity	1	Height (rear)	2.99 cm
DVI port	✗	Weight *	2.17 kg
VGA (D-Sub) ports quantity	1	Packaging content	
S/PDIF out port	✗	AC adapter included *	✓
Microphone in	✗	Manual	✓
Combo headphone/mic port	✓		

Ports & interfaces		Packaging content	
Docking connector	✗	Power cord included	✓
ExpressCard slot	✓		
CardBus PCMCIA slot type	✗	Maximum internal memory (64-bit)	16 GB
SmartCard slot	✗	Intel segment tagging	Home office, Small Business
Performance			
Motherboard chipset	Intel® QM77 Express		
Keyboard			
Pointing device	ThinkPad UltraNav		
Numeric keypad *	✗		
Spill-resistant keyboard	✓		
Windows keys	✓		

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