



Lenovo IdeaPad U530 Touch Intel® Core™ i7 i7-4510U Laptop 39,6 cm (15.6") Touchscreen Full HD 8 GB DDR3-SDRAM 256 GB SSD NVIDIA® GeForce® GT 730M Windows 8.1 Black

Brand : Lenovo

Product family: IdeaPad

Article code: 59421680

Product name : U530 Touch

Lenovo IdeaPad U530 Touch. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4510U, Processor frequency: 2 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Operating system installed: Windows 8.1. Product color: Black



Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product color *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Touchscreen type	Capacitive	Operating system architecture	64-bit
Display diagonal *	39,6 cm (15.6")	Operating system installed *	Windows 8.1
Display resolution *	1920 x 1080 pixels	Processor special features	
Touchscreen *	✓	Intel® Wireless Display (Intel® WiDi)	✓
HD type	Full HD	Intel® My WiFi Technology (Intel® MWT)	✗
Touch technology	Multi-touch	Intel Smart Connect Technology	✓
LED backlight	✓	Intel® Anti-Theft Technology (Intel® AT)	✓
Native aspect ratio	16:9	Intel® Rapid Start Technology	✗
Processor		Intel® Smart Response Technology	✗
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i7	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	4th gen Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor model *	i7-4510U	Intel® Small Business Advantage (Intel® SBA)	✗
Processor cores	2	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor threads	4	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor boost frequency	3,1 GHz	Intel® Active Management Technology (Intel® AMT)	✗
Processor frequency *	2 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	4 MB	Intel Clear Video Technology	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	BGA 1168		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-4500 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	D0		
Thermal Design Power (TDP)	15 W		

Processor		Processor special features	
Tjunction	100 °C	Intel® Insider™	✓
Maximum number of PCI Express lanes	12	Intel® Quick Sync Video Technology	✓
PCI Express slots version	2.0	Intel Flex Memory Access	✗
PCI Express configurations	4x1, 2x4	Intel® Smart Cache	✓
ECC supported by processor	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	8 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR3-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	1600 MHz	Intel Demand Based Switching	✗
Memory form factor	SO-DIMM	Intel® Secure Key	✓
Memory layout (slots x size)	1 x 8 GB	Intel TSX-NI	✗
Memory slots	2x SO-DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Maximum internal memory *	16 GB	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	256 GB	Idle States	✓
Storage media *	SSD	Thermal Monitoring Technologies	✓
Number of SSDs installed	1	Processor package size	40 x 24 x 1.5 mm
SSD capacity	256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Optical drive type *	✗	Processor code	SR1EB
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	MMC, SD	Embedded options available	✗
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics card model *	NVIDIA® GeForce® GT 730M	Intel Smart Connect Technology version	1,00
Discrete graphics card memory	2 GB	Intel Identity Protection Technology version	1,00
Discrete graphics memory type	GDDR3	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel ME Firmware Version	9.5
Discrete graphics card *	✓	Intel TSX-NI version	0,00
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics 4400	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	200 MHz	Intel FDI Technology	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Rapid Storage Technology	✓
Maximum on-board graphics card memory	1,74 GB	Intel Fast Memory Access	✗
On-board graphics card DirectX version	11.2/12	Processor ARK ID	81015
On-board graphics card OpenGL version	4.3	Conflict-Free processor	✓
On-board graphics card ID	0xA16	Battery	
Number of discrete graphics cards installed	1	Battery technology	Lithium Polymer (LiPo)
Graphics card Open GL support	✓	Number of battery cells	4
Audio		Battery capacity *	52 Wh
Audio system	Dolby Home Theater	Battery life (max)	10 h
Number of built-in speakers	2	Power	
Built-in microphone	✓	AC adapter power	65 W
Camera		DC-in jack	✓
Front camera	✓	Security	
Front camera resolution (numeric)	1 MP	Cable lock slot	✗
Front camera resolution	1280 x 720 pixels	Fingerprint reader	✗
Network		Password protection	✓
Wi-Fi	✓	Password protection type	BIOS
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	✓	Width	385 mm
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		

Network		Weight & dimensions	
Bluetooth version	4.0	Depth	257 mm
Ports & interfaces		Height	22 mm
USB 2.0 ports quantity *	2	Weight *	2,3 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
HDMI ports quantity *	1	Cables included	AC
DVI port	✗	Manual	✓
S/PDIF out port	✗	Power cord included	✓
Microphone in	✗	Other features	
Combo headphone/mic port	✓	LightScribe	✗
Docking connector	✗	3D	✗
ExpressCard slot	✗	Maximum internal memory (64-bit)	16 GB
CardBus PCMCIA slot type	✗	Intel® Virtualization Technology (Intel® VT)	VT-x
SmartCard slot	✗		
Number of SATA III connectors	4		
Performance			
Motherboard chipset	Intel HM76 Express		

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