



Lenovo IdeaPad Flex 2 14 Intel® Core™ i7 i7-4510U Hybrid (2-in-1) 35.6 cm (14") Touchscreen Full HD 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GT 840M Windows 8.1 White



Brand : Lenovo

Product family: IdeaPad

Product code: 59422573

Product name : Flex 2 14

14" (1920 x 1080, LED, Touch), Intel Core i7-4510U, 8GB (DDR3L), 1TB (HDD), Windows 8.1 (64 bit), NVIDIA GeForce GT 840M (4GB), 802.11 b/g/n, 2 x USB 2.0, 1 x USB 3.0, 1 x HDMI, 1 x LAN, 1.9 kg
Lenovo IdeaPad Flex 2 14. Product type: Hybrid (2-in-1), Form factor: Convertible (Fold-back screen).
Processor family: Intel® Core™ i7, Processor model: i7-4510U, Processor frequency: 2 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. Operating system installed: Windows 8.1. Product color: White

Design		Ports & interfaces	
Product type *	Hybrid (2-in-1)	SmartCard slot	✗
Product color *	White	Number of SATA III connectors	4
Form factor *	Convertible (Fold-back screen)	Keyboard	
Display		Pointing device	Touchpad
Touchscreen type	Capacitive	Numeric keypad *	✗
Display diagonal *	35.6 cm (14")	Software	
Display resolution *	1920 x 1080 pixels	Operating system architecture	64-bit
Touchscreen *	✓	Operating system installed *	Windows 8.1
HD type	Full HD	Processor special features	
Touch technology	Multi-touch	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✗
Native aspect ratio	16:9	Intel Smart Connect Technology	✓
Processor		Intel® Anti-Theft Technology (Intel® AT)	✓
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® High Definition Audio (Intel® HD Audio)	✓
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor boost frequency	3.1 GHz	Intel Clear Video Technology	✗
Processor frequency *	2 GHz	Intel® InTru™ 3D Technology	✓
System bus rate	5 GT/s	Intel® Insider™	✓
Processor cache	4 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✗
Processor socket	BGA 1168	Intel® Smart Cache	✓
Processor lithography	22 nm	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor operating modes	64-bit	Intel Trusted Execution Technology	✗
Processor series	Intel Core i7-4500 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	D0		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		

Processor		Processor special features	
PCI Express slots version	2.0	Intel Enhanced Halt State	✓
PCI Express configurations	4x1, 2x4	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✗	Intel Demand Based Switching	✗
Memory		Intel® Secure Key	✓
Internal memory *	8 GB	Intel TSX-NI	✗
Internal memory type	DDR3L-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory clock speed	1600 MHz	Intel 64	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum internal memory *	16 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	40 x 24 x 1.5 mm
Total storage capacity *	1 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	HDD	Processor code	SR1EB
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	1 TB	Embedded options available	✗
HDD interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD speed	5400 RPM	Intel Smart Connect Technology version	1.00
Optical drive type *	✗	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	MMC, SD	Intel ME Firmware Version	9.5
Graphics		Intel TSX-NI version	0.00
Discrete graphics card model *	NVIDIA® GeForce® GT 840M	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card memory	4 GB	Intel Dual Display Capable Technology	✗
On-board graphics card *	✓	Intel FDI Technology	✓
Discrete graphics card *	✓	Intel Rapid Storage Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel Fast Memory Access	✗
On-board graphics card model *	Intel® HD Graphics 4400	Processor ARK ID	81015
On-board graphics card base frequency	200 MHz	Conflict-Free processor	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Battery	
Maximum on-board graphics card memory	1.74 GB	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card DirectX version	11.2/12	Number of battery cells	4
On-board graphics card OpenGL version	4.3	Battery capacity	3400 mAh
On-board graphics card ID	0xA16	Battery capacity *	42 Wh
Audio		Battery life (max)	6 h
Audio system	Dolby Advanced Audio	Power	
Number of built-in speakers	2	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		DC-in jack	✓
Front camera	✓	Security	
Front camera resolution	1280 x 720 pixels	Cable lock slot	✓
Network		Weight & dimensions	
Wi-Fi	✓	Width	343 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	254 mm
Ethernet LAN	✓	Height	20.3 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	1.9 kg
Bluetooth	✓	Other features	
Bluetooth version	4.0	LightScribe	✗
Ports & interfaces		Maximum internal memory (64-bit)	16 GB
USB 2.0 ports quantity *	2	Intel® Virtualization Technology (Intel® VT)	VT-x
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
Ethernet LAN (RJ-45) ports	1		

Ports & interfaces	
HDMI ports quantity *	1
DVI port	×
S/PDIF out port	×
Microphone in	×
Combo headphone/mic port	✓
Docking connector	×
ExpressCard slot	×
CardBus PCMCIA slot type	×

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.