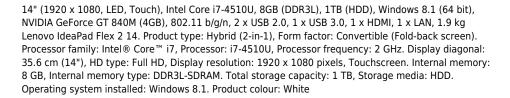
Lenovo IdeaPad Flex 2 14 Intel® Core™ i7 i7-4510U Hybrid (2-in-1) 35.6 cm (14") Touchscreen Full HD 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GT 840M Windows 8.1 White

Brand : Lenovo Product family: IdeaPad Product code: 59422573

Product name: Flex 2 14







Design		Ports & interfaces	
Product type *	Hybrid (2-in-1)	Docking connector	×
Product colour *	White	ExpressCard slot	×
Form factor *	Convertible (Fold-back screen)	CardBus PCMCIA slot type	×
Display		SmartCard slot	×
Touch screen type	Capacitive	Number of SATA III connectors	4
Display diagonal *	35.6 cm (14")	Keyboard	
Display resolution *	1920 x 1080 pixels	Pointing device	Touchpad
Touchscreen *	1	Numeric keypad *	×
HD type	Full HD	2.	
Touch technology	Multi-touch	Software	
LED backlight	1	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system installed *	Windows 8.1
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Wireless Display (WiDi)	✓
Processor family *	Intel® Core™ i7	Technology	
Processor generation	4th gen Intel® Core™ i7	Intel My WiFi Technology	×
Processor *	i7-4510U	Intel Smart Connect Technology	✓
Processor number of cores	2	Intel Anti-Theft Technology	✓
Processor threads	4	Intel Identity Protection Technology	✓
Processor boost frequency	3.1 GHz	Intel Hyper-Threading Technology	✓
Processor frequency *	2 GHz	Intel Turbo Boost Technology	2.0
System bus data transfer rate	5 GT/s	Intel HD Audio Technology	✓
Processor cache	4 MB	Enhanced Intel SpeedStep	,
Processor cache type Processor socket	Smart Cache BGA 1168	Technology	✓
Processor lithography	22 nm	Intel Clear Video HD Technology	✓
Processor operating modes	64-bit	Intel Clear Video Technology	×
Processor series	Intel Core i7-4500 Mobile series	Intel® InTru™ 3D Technology	✓
Processor codename	Haswell	Intel® Insider™	✓
Bus type	DMI2	Intel® Quick Sync Video Technology	✓
FSB Parity	×	Intel Flex Memory Access	x
Stepping	D0	Intel® Smart Cache	1
Thermal Design Power (TDP)	15 W	Intel AES New Instructions	<i>,</i>
Tjunction	100 °C		•
Maximum number of PCI Express lanes	12	Intel Trusted Execution Technology Intel Enhanced Halt State	× •

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Processor		Processor special features	
PCI Express slots version	2.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	4x1, 2x4	Intel Demand Based Switching	×
ECC supported by processor	×	Intel® Secure Key	<u></u>
Memory		Intel TSX-NI	×
Internal memory *	8 GB		
Internal memory type	DDR3L-SDRAM	Intel Clear Video Technology for MID	
Memory clock speed	1600 MHz	Intel 64	V
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory slots Memory, maximum *	2x SO-DIMM 16 GB	Idle States	•
•	10 GB	Thermal Monitoring Technologies	V
Storage		Processor package size	40 x 24 x 1.5 mm
Total storage capacity *	1 TB	Supported instruction sets Processor code	AVX 2.0, SSE4.1, SSE4.2 SR1EB
Storage media * Number of HDDs installed	HDD 1	CPU configuration (max)	1
Hard drive capacity	1 TB	Embedded options available	×
Hard drive interface	SATA	Intel Virtualization Technology for	
Hard drive rotational speed	5400 RPM	Directed I/O (VT-d)	X
Optical drive *	X	Intel Smart Connect Technology	1.00
Card reader integrated	✓	version Intel Identity Protection Technology	
Compatible memory cards	MMC, SD	version	1.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GT 840M	Intel ME Firmware Version	9.5
Discrete graphics card memory	4 GB	Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Intel Dual Display Capable	
On-board graphics card family	Intel® HD Graphics	Technology	X
On-board graphics card model *	Intel® HD Graphics 4400	Intel FDI Technology	✓
On-board graphics card base	200 MHz	Intel Rapid Storage Technology	✓
frequency	200 14112	Intel Fast Memory Access	×
On-board graphics card dynamic frequency (max)	1100 MHz	Processor ARK ID	81015
Maximum on-board graphics card	1.74 GB	Conflict-Free processor	✓
memory	1.74 GB	Battery	
On-board graphics card DirectX version	11.2/12	Battery technology	Lithium-lon (Li-lon)
On-board graphics card OpenGL		Number of battery cells	4
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	/
	1200 X 720 pixels	Weight & dimensions	
Network	_	•	242 *****
Wi-Fi	✓	Width Depth	343 mm 254 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	20.3 mm
Ethernet LAN connection	10 100 1000 Mbit/c	Weight *	1.9 kg
Ethernet LAN data rates Bluetooth	10,100,1000 Mbit/s	Other features	-
Bluetooth Bluetooth version	4.0		V
	4.0	LightScribe Maximum internal memory (64 bit)	X 16 GB
Ports & interfaces		Maximum internal memory (64-bit) Intel Virtualization Technology	VT-x
USB 2.0 ports quantity *	2	meer virtualization reciliology	VI A
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
Ethernet LAN (RJ-45) ports	1		
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Ports & interfaces

Catalog Object Cloud



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