



Lenovo ThinkPad L440 Intel® Core™ i3 i3-4000M Computadora portátil 35.6 cm (14") 4 GB DDR3-SDRAM 500 GB Unidad de disco duro Wi-Fi 4 (802.11n) Windows 7 Professional Negro

Marca : Lenovo

Familia de productos:
ThinkPad

Código del producto:
20ASA0SQLM

Nombre del producto : L440

Intel Core i3-4000M (3M Cache, 2.40 GHz), 4 GB DDR3, 500 GB HDD, 14.0" HD (1366 x 768), Gigabit Ethernet, WLAN, Webcam, USB 3.0, USB 2.0, VGA, Mini DisplayPort, 4-in-1 card reader, Windows 7 Professional /Windows8 64-bit

Lenovo ThinkPad L440. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i3, Modelo del procesador: i3-4000M, Frecuencia del procesador: 2.4 GHz. Diagonal de la pantalla: 35.6 cm (14"), Resolución de la pantalla: 1366 x 768 Píxeles. Memoria interna: 4 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 4600. Sistema operativo instalado: Windows 7 Professional. Color del producto: Negro



Design		Software	
Product type *	Laptop	Operating system installed *	Windows 7 Professional
Product colour *	Black	Processor special features	
Form factor *	Clamshell		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	35.6 cm (14")	Intel® My WiFi Technology (Intel® MWT)	✗
Display resolution *	1366 x 768 pixels	Intel Smart Connect Technology	✗
Touchscreen *	✗	Intel® Anti-Theft Technology (Intel® AT)	✓
LED backlight	✓	Intel® Rapid Start Technology	✗
Native aspect ratio	16:9	Intel® Smart Response Technology	✗
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i3	Intel® Turbo Boost Technology	✗
Processor generation	4th gen Intel® Core™ i3	Intel® Small Business Advantage (Intel® SBA)	✗
Processor model *	i3-4000M	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor cores	2	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor threads	4	Intel® Active Management Technology (Intel® AMT)	✗
Processor frequency *	2.4 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor cache	3 MB	Intel Clear Video Technology	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	PGA946	Intel® Insider™	✓
Processor lithography	22 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✗
Processor series	Intel® Core™ i3-4000 Mobile Series	Intel® Smart Cache	✓
Processor codename	Haswell		
Bus type	DMI		
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	37 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		

Processor		Processor special features	
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® AES New Instructions (Intel® AES-NI)	✗
ECC supported by processor	✗	Intel Trusted Execution Technology	✗
Memory		Intel Enhanced Halt State	✗
Internal memory *	4 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speed	1600 MHz	Intel® Secure Key	✓
Memory slots	2x SO-DIMM	Intel TSX-NI	✗
Maximum internal memory *	16 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Storage		Intel 64	✓
Total storage capacity *	500 GB	Execute Disable Bit	✓
Storage media *	HDD	Idle States	✓
Number of HDDs installed	1	Thermal Monitoring Technologies	✓
HDD capacity	500 GB	Processor package size	37.5 x 37.5 x 4.7 mm
HDD interface	SATA III	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD speed	7200 RPM	Processor code	SR1HC
Optical drive type *	DVD±RW	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Graphics		Intel Identity Protection Technology version	1.00
Discrete graphics card model *	Not available	Intel Secure Key Technology version	1.00
On-board graphics card *	✓	Intel TSX-NI version	0.00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✗
On-board graphics card model *	Intel® HD Graphics 4600	Intel FDI Technology	✗
On-board graphics card base frequency	400 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Fast Memory Access	✗
Maximum on-board graphics card memory	2 GB	Processor ARK ID	75104
On-board graphics card DirectX version	11.1	Conflict-Free processor	✓
On-board graphics card ID	0x416	Battery	
Audio		Battery technology	Lithium-Ion (Li-Ion)
Audio system	Dolby Advanced	Number of battery cells	6
Built-in microphone	✓	Battery life (max)	12 h
Camera		Power	
Front camera	✓	AC adapter power	65 W
Front camera resolution	1280 x 720 pixels	DC-in jack	✓
Network		Security	
Wi-Fi	✓	Cable lock slot	✓
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Certificates	
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Compliance certificates	RoHS
Ethernet LAN	✓	Sustainability	
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability certificates	ENERGY STAR
Bluetooth	✗	Weight & dimensions	
Ports & interfaces		Width	343.9 mm
USB 2.0 ports quantity *	3	Depth	239 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Height	34.3 mm
Ethernet LAN (RJ-45) ports	1	Weight *	2.3 kg
Mini DisplayPorts quantity	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1		
S/PDIF out port	✗		
Microphone in	✗		

Ports & interfaces		Other features	
Combo headphone/mic port	✓	Maximum internal memory (64-bit)	16 GB
ExpressCard slot	✗	Intel segment tagging	Home office, Small Business
CardBus PCMCIA slot type	✗		
SmartCard slot	✓		
Keyboard			
Pointing device	ThinkPad UltraNav		
Numeric keypad *	✗		
Windows keys	✓		
Software			
Operating system architecture	64-bit		
Recovery operating system	Windows 8		

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