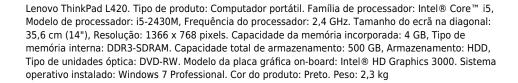


Lenovo ThinkPad L420 Intel® Core™ i5 i5-2430M Computador portátil 35,6 cm (14") 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Preto

Marca: Lenovo Família do produto: ThinkPad Código do produto: NYV5HFR

Nome do produto: L420





Design		Keyboard	
Product type *	Laptop	Full-size keyboard	✓
Product colour *	Black	Software	
Display		Operating system architecture	64-bit
Display diagonal *	35.6 cm (14")	Drivers included	✓
Display resolution *	1366 x 768 pixels	Operating system installed *	Windows 7 Professional
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	•	
Processor		Intel® Wireless Display (Intel® WiDi)	✓
Processor manufacturer * Processor family *	Intel Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	2nd gen Intel® Core™ i5	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor model * Processor cores	i5-2430M 2	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads Processor boost frequency	4 3 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	2.4 GHz	Intel® Turbo Boost Technology	2.0
System bus rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache Processor cache type	3 MB Smart Cache	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor socket	Socket 988	Intel Clear Video Technology	x
Processor lithography	32 nm	5.	*
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	•
Processor series	Intel Core i5-2400 Mobile Series	Intel® Insider™	✓
Processor codename	Sandy Bridge	Intel® Quick Sync Video Technology	✓
Bus type	DMI	Intel Flex Memory Access	✓
FSB Parity	×	Intel® Smart Cache	✓
Stepping Thermal Design Power (TDP)	J1 35 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Tjunction	100 °C	Intel Trusted Execution Technology	×
Maximum number of PCI Express	16	Intel Enhanced Halt State	✓
lanes PCI Express slots version	2.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Demand Based Switching	×
CPU multiplier (bus/core ratio)	24	Intel® Clear Video Technology for	
ECC supported by processor	X	Mobile Internet Devices (Intel CVT for MID)	×
Memory		Intel 64	✓
Internal memory *	4 GB	Execute Disable Bit	✓
Internal memory type	DDR3-SDRAM	Idle States	✓
Memory clock speed	1333 MHz	Thermal Monitoring Technologies	·
Maximum internal memory *	8 GB		-

Storage		Processor special features	
Total storage capacity * Storage media *	500 GB HDD	Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Number of HDDs installed	1	Supported instruction sets	AVX
HDD capacity	500 GB	Processor code	SR04W
HDD interface	SATA	CPU configuration (max)	1
HDD speed	7200 RPM	Embedded options available	×
Optical drive type *	DVD-RW	Graphics & IMC lithography	32 nm
Card reader integrated	✓	Intel Virtualization Technology for	×
Compatible memory cards	MMC	Directed I/O (VT-d)	
Graphics		Intel Identity Protection Technology version	1.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-	✓
On-board graphics card family On-board graphics card model *	Intel® HD Graphics Intel® HD Graphics 3000	x) Intel Dual Display Capable	✓
On-board graphics card base	·	Technology Intel FDI Technology	√
frequency	650 MHz	· ·	
On-board graphics card dynamic	1200 MHz	Intel Rapid Storage Technology	X
frequency (max)	0x116	Intel Fast Memory Access	√
On-board graphics card ID	OXIIO	Processor ARK ID	53450
Audio		Conflict-Free processor	X
Audio system	HD	Integrated 4G WiMAX	✓
Number of built-in speakers	2	Power	
Built-in microphone	✓	AC adapter frequency	50 - 60 Hz
Network		AC adapter input voltage	100 - 240 V
Wi-Fi	✓	DC-in jack	✓
Networking features	Gigabit Ethernet	Security	
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Cable lock slot	✓
Ethernet LAN	•	Cable lock slot type	Kensington
Ethernet LAN data rates	10,100,1000 Mbit/s	Fingerprint reader	✓
Bluetooth	×	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Width	343 mm
Ports & interfaces		Depth	232 mm
USB 2.0 ports quantity *	4	Height (front)	3.2 cm
eSATA ports quantity	1	Height (rear)	3.6 cm
Ethernet LAN (RJ-45) ports	1	Weight *	2.3 kg
DisplayPorts quantity	1	Packaging content	
DVI port	X 1	AC adapter included *	✓
VGA (D-Sub) ports quantity	1	Manual	✓
S/PDIF out port	X	Quick start guide	✓
Microphone in	X	·	
Line-in	V	Other features	002.11 - /-/-
Combo headphone/mic port	√	Wireless technology	802.11 a/g/n
Docking connector	•	Infrared data port	X
CardBus PCMCIA slot type	×	Graphics card family Display	Intel TFT
TV-out	X	Power supply type	AC/DC
Performance		Compliance industry standards	IEEE 802.3/802.3u/802.3ab
Motherboard chipset	Intel® HM65 Express	Intel segment tagging	Home office, Small Business
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	×		
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