



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

**Brand :** Lenovo

**Product family:** ThinkPad

**Product code:** 78564ES

**Product name :** L420

L420, 14" LED 1366x768, 16:9, Intel Core i5-2430M (3M Cache, 2.40 GHz), 4GB DDR3, 500GB HDD, Intel HD Graphics, WebCam, Gigabit Ethernet, 802.11a/g/n, Bluetooth, 4 x USB 2.0, 1 x eSATA, 6-Cell, 2300g, Windows 7 Professional 64-bit, Black

Lenovo ThinkPad L420. Processor family: Intel® Core™ i5, Processor model: i5-2430M, Processor frequency: 2,4 GHz. Display diagonal: 35,6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 3000. Operating system installed: Windows 7 Professional. Product colour: Black. Weight: 2,3 kg



Design		Processor special features	
Product colour *	Black	Intel® Wireless Display (Intel® WiDi)	✓
Display		Intel® My WiFi Technology (Intel® MWT)	✓
Display diagonal *	35,6 cm (14")	Intel® Anti-Theft Technology (Intel® AT)	✓
Display resolution *	1366 x 768 pixels	Intel® Identity Protection Technology (Intel® IPT)	✓
LED backlight	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Native aspect ratio	16:9	Intel® Turbo Boost Technology	2.0
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor family *	Intel® Core™ i5	Intel Clear Video Technology	✗
Processor generation	2nd gen Intel® Core™ i5	Intel® InTru™ 3D Technology	✓
Processor model *	i5-2430M	Intel® Insider™	✓
Processor cores	2	Intel® Quick Sync Video Technology	✓
Processor threads	4	Intel Flex Memory Access	✓
Processor boost frequency	3 GHz	Intel® Smart Cache	✓
Processor frequency *	2,4 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
System bus rate	5 GT/s	Intel Trusted Execution Technology	✗
Processor cache	3 MB	Intel Enhanced Halt State	✓
Processor cache type	Smart Cache	Intel VT-x with Extended Page Tables (EPT)	✓
Processor socket	Socket 988	Intel Demand Based Switching	✗
Processor lithography	32 nm	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Processor operating modes	64-bit	Intel 64	✓
Processor series	Intel Core i5-2400 Mobile Series	Execute Disable Bit	✓
Processor codename	Sandy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	J1		
Thermal Design Power (TDP)	35 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	Idle States	✓
CPU multiplier (bus/core ratio)	24	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Memory		Supported instruction sets	AVX
Internal memory *	4 GB	Processor code	SR04W
Internal memory type	DDR3-SDRAM	CPU configuration (max)	1
Memory clock speed	1333 MHz	Embedded options available	✗
Maximum internal memory *	8 GB	Graphics & IMC lithography	32 nm
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Total storage capacity *	500 GB	Intel Identity Protection Technology version	1,00
Storage media *	HDD	Intel Virtualization Technology (VT-x)	✓
HDD interface	SATA	Intel Dual Display Capable Technology	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	MMC	Intel Rapid Storage Technology	✗
Graphics		Intel Fast Memory Access	✓
On-board graphics card *	✓	Processor ARK ID	53450
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✗
On-board graphics card model *	Intel® HD Graphics 3000	Integrated 4G WiMAX	✓
On-board graphics card base frequency	650 MHz	Battery	
On-board graphics card dynamic frequency (max)	1200 MHz	Number of battery cells	6
On-board graphics card ID	0x116	Power	
Audio		DC-in jack	✓
Audio system	HD	Security	
Built-in microphone	✓	Cable lock slot	✓
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Networking features	Gigabit Ethernet	Weight & dimensions	
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Width	343,9 mm
Ethernet LAN	✓	Depth	232,9 mm
Bluetooth	✓	Height (front)	3,2 cm
Cabling technology	10/100/1000Base-T(X)	Height (rear)	3,6 cm
Ports & interfaces		Width (imperial)	34,4 cm (13.5")
USB 2.0 ports quantity *	4	Depth (imperial)	23,3 cm (9.17")
eSATA ports quantity	1	Height (front) (imperial)	3,2 cm (1.26")
Ethernet LAN (RJ-45) ports	1	Height (rear) (imperial)	3,61 cm (1.42")
DisplayPorts quantity	1	Weight *	2,3 kg
DVI port	✗	Packaging content	
Headphone outputs	1	AC adapter included *	✓
S/PDIF out port	✗	Other features	
Microphone in	✓	Wireless technology	Wi-Fi
Docking connector	✗	Infrared data port	✗
CardBus PCMCIA slot type	✗	Graphics card family	Intel
TV-out	✗	Type	PC
Performance		Swivel webcam	✗
Motherboard chipset	Intel® HM65 Express	Power supply type	AC/DC
Keyboard		Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Pointing device	Touchpad	Compatible operating systems	Windows 7
Numeric keypad *	✗	LAN controller	Intel® 82579LM
Software		TV tuner integrated	✗
Operating system architecture	64-bit	Intel segment tagging	Home office, Small Business
Operating system installed *	Windows 7 Professional		

## Catalog Object Cloud



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