



Lenovo ThinkPad Edge E420 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: 1141DAS

Product name : E420



E420 - Intel Core i5-2430M (3M Cache, 2.40 GHz), 4GB DDR3, 500GB HDD, DVD-RW, 14" 16:9 1366x768 LED backlit, Intel HD Graphics 3000, Bluetooth 3.0, Gigabit Ethernet, 802.11 b/g/n, 2100g, Black, Windows 7 Professional

Lenovo ThinkPad Edge E420. 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, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics 3000. Operating system installed: Windows 7 Professional. Product colour: Black. Weight: 2.1 kg

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

Memory		Processor special features	
Maximum internal memory *	8 GB	Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Storage		Supported instruction sets	AVX
Total storage capacity *	500 GB	Processor code	SR04W
Storage media *	HDD	CPU configuration (max)	1
Number of HDDs installed	1	Embedded options available	✗
HDD capacity	500 GB	Graphics & IMC lithography	32 nm
HDD interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD speed	5400 RPM	Intel Identity Protection Technology version	1.00
HDD size	2.5"	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	DVD-RW	Intel Dual Display Capable Technology	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	MMC, MS PRO, SD, SDHC, xD	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	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card ID	0x116	Battery capacity	2200 mAh
Audio		Battery life (max)	6 h
Audio system	HD	Power	
Number of built-in speakers	2	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Network		DC-in jack	✓
Wi-Fi	✓	Security	
Networking features	Gigabit Ethernet	Cable lock slot	✗
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Fingerprint reader	✓
Ethernet LAN	✓	Weight & dimensions	
Bluetooth	✓	Width	339 mm
Bluetooth version	3.0+HS	Depth	230 mm
Cabling technology	10/100/1000Base-T(X)	Height (front)	2.8 cm
Ports & interfaces		Height (rear)	3.3 cm
USB 2.0 ports quantity *	4	Weight *	2.1 kg
eSATA/USB 2.0 ports quantity	1	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
HDMI ports quantity *	1	Manual	✓
DVI port	✗	Quick start guide	✓
VGA (D-Sub) ports quantity	1	Other features	
Headphone outputs	1	Wireless technology	802.11 b/g/n
S/PDIF out port	✗	Infrared data port	✗
Microphone in	✓	Graphics card family	Intel
Line-in	✓	Display	TFT
Docking connector	✗	Power supply type	AC/DC
ExpressCard slot	✗	Compliance industry standards	IEEE 802.3/802.3u/802.3ab
CardBus PCMCIA slot type	✗	Intel segment tagging	Home office, Small Business
SmartCard slot	✗		
TV-out	✗		
Performance			
Motherboard chipset	Intel QM65		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		

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.