



Lenovo ThinkPad E570 Intel® Core™ i5 i5-6200U Laptop 39,6 cm (15.6") HD 4 GB DDR4-SDRAM 500 GB HDD Wi-Fi 5 (802.11ac) Windows 7 Professional Black

Brand : Lenovo

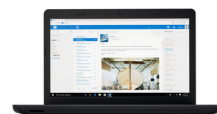
Product family: ThinkPad

Product code: 20H5009NCA

Product name : E570

15.6" LED HD 1366 x 768, Intel Core i5-6200U (2.3 GHz), 4GB DDR4, Intel HD Graphics 520, 500GB HDD, WLAN, Gigabit Ethernet, Windows 7 Pro

Lenovo ThinkPad E570. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6200U, Processor frequency: 2,3 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 7 Professional. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	USB Sleep-and-Charge ports	1
Product colour *	Black	Keyboard	
Form factor *	Clamshell	Pointing device	ThinkPad UltraNav
Housing material	Acrylonitrile butadiene styrene (ABS)	Numeric keypad *	✓
Market positioning	Business	Keyboard backlit	✗
Display		Spill-resistant keyboard	✓
Display diagonal *	39,6 cm (15.6")	Full-size keyboard	✓
Display resolution *	1366 x 768 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	HD	Operating system architecture	64-bit
LED backlight	✓	Recovery operating system	Windows 10 Pro
Native aspect ratio	16:9	Operating system installed *	Windows 7 Professional
Display surface	Matt	Processor special features	
Screen shape	Flat	Intel® Wireless Display (Intel® WiDi)	✓
Processor		Intel® My WiFi Technology (Intel® MWT)	✓
Processor manufacturer *	Intel	Intel® Smart Response Technology	✓
Processor family *	Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor generation	6th gen Intel® Core™ i5	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor model *	i5-6200U	Intel® Turbo Boost Technology	2.0
Processor cores	2	Intel® Small Business Advantage (Intel® SBA)	✓
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	2,8 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2,3 GHz	Intel Clear Video Technology	✓
System bus rate	4 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	3 MB	Intel® Insider™	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor socket	LGA 1356 (Socket B2)	Intel Flex Memory Access	✓
Processor lithography	14 nm	Intel® Smart Cache	✓
Processor operating modes	64-bit		
Processor series	Intel Core i5-6200 series		
Processor codename	Skylake		
Bus type	QPI		
Stepping	D1		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2,4 GHz		
Configurable TDP-up	25 W		

Processor		Processor special features	
Configurable TDP-down	7,5 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down frequency	0,8 GHz	Intel Trusted Execution Technology	✗
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	12	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x4, 4x1	Intel TSX-NI	✗
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	4 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory clock speed	2133 MHz	Intel 64	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum internal memory *	32 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	42 X 24 mm
Total storage capacity *	500 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage media *	HDD	Processor code	SR2EY
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	500 GB	Embedded options available	✗
HDD interface	SATA III	Graphics & IMC lithography	14 nm
HDD speed	7200 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD size	2.5"	Intel Identity Protection Technology version	1,00
Optical drive type *	DVD±RW	Intel Smart Response Technology version	1,00
Card reader integrated	✓	Intel Stable Image Platform Program (SIPP) version	0,00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Secure Key Technology version	1,00
Graphics		Intel Small Business Advantage (SBA) version	1,00
Discrete graphics card model *	Not available	Intel TSX-NI version	1,00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Processor ARK ID	88193
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 520	Battery	
On-board graphics card base frequency	300 MHz	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card dynamic frequency (max)	1000 MHz	Number of battery cells	4
Maximum on-board graphics card memory	1,74 GB	Battery capacity *	41 Wh
On-board graphics card DirectX version	12.0	Power	
On-board graphics card OpenGL version	4.4	AC adapter power	45 W
On-board graphics card ID	1916	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio chip	Conexant CX11852	DC-in jack	✓
Number of built-in speakers	2	Security	
Speakers manufacturer	Conexant	Cable lock slot	✓
Speaker power	2 W	Fingerprint reader	✓
Built-in microphone	✓	Trusted Platform Module (TPM)	✓
Camera		Password protection	✓
Front camera	✓	Password protection type	HDD, Power on, Supervisor
Front camera resolution (numeric)	1 MP	Certificates	
Front camera resolution	1280 x 720 pixels	Compliance certificates	RoHS
Front camera signal format	720p		
Front camera HD type	HD		
Network			
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		

Network		Sustainability	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Sustainability certificates	EPEAT Gold, ENERGY STAR
Antenna type	1x1	Weight & dimensions	
Ethernet LAN	✓	Width	379 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	261 mm
Bluetooth	✓	Height	25,4 mm
Bluetooth version	4.1	Weight *	2,3 kg
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	1	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Manual	✓
Ethernet LAN (RJ-45) ports	1	Power cord included	✓
HDMI ports quantity *	1	Other features	
DVI port	✗	LightScribe	✗
VGA (D-Sub) ports quantity	1	Maximum internal memory (64-bit)	32 GB
S/PDIF out port	✗	Intel segment tagging	Home office, Small Business
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✗		
USB Sleep-and-Charge	✓		

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