



Lenovo ThinkPad E570 Intel® Core™ i5 i5-7200U Sülearvuti 39,6 cm (15.6") Full HD 4 GB DDR4-SDRAM 180 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Must

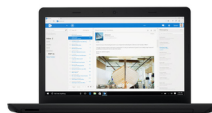
Brand : Lenovo

Product family: ThinkPad

Product code: 20H5009TMH

Product name : E570

Lenovo ThinkPad E570. Toote tüüp: Sülearvuti, Toote kuju: Kokkukäiv. Protsessori perekond: Intel® Core™ i5, Protsessori mudel: i5-7200U, Protsessori sagedus: 2,5 GHz. Ekraani diagonaal: 39,6 cm (15.6"), HD tüüp: Full HD, Ekraani resolutsioon: 1920 x 1080 pikslit. Sisemälu: 4 GB, Sisemälu tüüp: DDR4-SDRAM. Salvestusmaht kokku: 180 GB, Salvestusseade: SSD, Optilise seadme tüüp: DVD±RW. Installitud operatsioonisüsteem: Windows 10 Pro. Toote värv: Must



Design		Ports & interfaces	
Product type *	Laptop	USB Sleep-and-Charge ports	1
Product colour *	Black	Performance	
Form factor *	Clamshell	Motherboard chipset	Intel SoC
Housing material	Acrylonitrile butadiene styrene (ABS)	Keyboard	
Market positioning	Business	Pointing device	ThinkPad UltraNav
Display		Numeric keypad *	✓
Display diagonal *	39.6 cm (15.6")	Spill-resistant keyboard	✓
Display resolution *	1920 x 1080 pixels	Full-size keyboard	✓
Touchscreen *	✗	Windows keys	✓
HD type	Full HD	Software	
Panel type	IPS	Operating system architecture	64-bit
LED backlight	✓	Trial software	Microsoft Office
Native aspect ratio	16:9	Operating system installed *	Windows 10 Pro
Display surface	Matt	Processor special features	
Display brightness	250 cd/m²	Intel® Wireless Display (Intel® WiDi)	✓
Contrast ratio (typical)	600:1	Intel® My WiFi Technology (Intel® MWT)	✓
Processor		Intel® Smart Response Technology	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i5	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	7th gen Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor model *	i5-7200U	Intel® Small Business Advantage (Intel® SBA)	✓
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor boost frequency	3.1 GHz	Intel Clear Video Technology	✓
Processor frequency *	2.5 GHz	Intel® InTru™ 3D Technology	✓
System bus rate	4 GT/s	Intel® Insider™	✓
Processor cache	3 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor socket	BGA 1356		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Kaby Lake		
Bus type	OPI		
Stepping	H0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2.7 GHz		

Processor		Processor special features	
Configurable TDP-up	25 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down	7.5 W	Intel Trusted Execution Technology	✗
Configurable TDP-down frequency	0.8 GHz	Intel Enhanced Halt State	✓
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	12	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel Stable Image Platform Program (SIPP)	✗
ECC supported by processor	✗	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	4 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory clock speed	2133 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	1 x 4 GB	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	42 x 24 mm
Maximum internal memory *	32 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage		Processor code	SR2ZU
Total storage capacity *	180 GB	CPU configuration (max)	1
Storage media *	SSD	Embedded options available	✗
Number of SSDs installed	1	Graphics & IMC lithography	14 nm
SSD capacity	180 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	SATA III	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 TSX-NI version	0.00
Discrete graphics card model *	Not available	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	95443
Discrete graphics card *	✗	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 620	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card base frequency	300 MHz	Number of battery cells	4
On-board graphics card dynamic frequency (max)	1000 MHz	Battery capacity *	41 Wh
Maximum on-board graphics card memory	32 GB	Battery life (max)	7 h
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	0x5916	AC adapter frequency	50 - 60 Hz
Number of discrete graphics cards supported	1	AC adapter input voltage	100 - 240 V
Maximum resolution	1920 x 1080 pixels	DC-in jack	✓
Audio		Security	
Number of built-in speakers	2	Cable lock slot	✓
Speakers manufacturer	Conexant	Fingerprint reader	✓
Speaker power	2 W	Trusted Platform Module (TPM)	✓
Built-in microphone	✓	Password protection	✓
Audio decoders	Dolby Audio Premium	Password protection type	HDD, Supervisor
Camera		Certificates	
Front camera	✓	Compliance certificates	RoHS
Front camera resolution (numeric)	1 MP		
Front camera resolution	1280 x 720 pixels		
Network			
Wi-Fi	✓		

Network		Sustainability	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Sustainability certificates	EPEAT Gold, ENERGY STAR
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	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	✗	Maximum internal memory (64-bit)	32 GB
VGA (D-Sub) ports quantity	1	Intel segment tagging	Home office, Small Business
Combo headphone/mic port	✓		
Docking connector	✗		
USB Sleep-and-Charge	✓		



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