



Lenovo ThinkPad T570 Intel® Core™ i7 i7-7600U Kannettava tietokone 39,6 cm (15.6") Full HD 32 GB DDR4-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro musta



Tuotemerkki : Lenovo

Tuoteperhe: ThinkPad

Tuotekoodi: 20HAS1X000-G

Tuotteen nimi : T570

Intel Core i7-7600U (2.8 GHz), 32GB DDR4 SDRAM, 512GB SSD, 39.624 cm (15.6") FHD LED (1920x1080), Gigabit Ethernet, Wi-Fi, Bluetooth, Windows 10 Pro 64-bit
Lenovo ThinkPad T570. Tuotetyyppi: Kannettava tietokone, Kotelo: Simpukka. Suoritinperhe: Intel® Core™ i7, Prosessorimalli: i7-7600U, Prosessorin taajuus: 2,8 GHz. Näytön halkaisija: 39,6 cm (15.6"), HD-tyyppi: Full HD, Näytön erottelutarkkuus: 1920 x 1080 pikseliä. Sisäinen muisti: 32 GB, Sisäisen muistin tyyppi: DDR4-SDRAM. Kokonaistallennuskapasiteetti: 512 GB, Tallennusmedia: SSD. Sisältyvän näyttönohjaimen malli: Intel® HD Graphics 620. Käyttöjärjestelmä asennettu: Windows 10 Pro. Tuotteen väri: musta



Design		Ports & interfaces	
Product type *	Laptop	USB Sleep-and-Charge	✓
Product colour *	Black	USB Sleep-and-Charge ports	1
Form factor *	Clamshell	Keyboard	
Housing material	Glass fibre	Pointing device	ThinkPad UltraNav
Market positioning	Business	Numeric keypad *	✓
Display		Keyboard backlit	✓
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	✓	Operating system installed *	Windows 10 Pro
Native aspect ratio	16:9	Processor special features	
Display surface	Matt	Intel® My WiFi Technology (Intel® MWT)	✓
Processor		Intel® Smart Response Technology	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i7	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	7th gen Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor model *	i7-7600U	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	3.9 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2.8 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	4 GT/s	Intel Flex Memory Access	✓
Processor cache	4 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1356		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-7600 Mobile Series		

Processor		Processor special features	
Processor codename	Kaby Lake	Intel® Smart Cache	✓
Bus type	OPI	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	H0	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	15 W	Intel Enhanced Halt State	✓
Configurable TDP-up frequency	2.9 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-up	25 W	Intel® Secure Key	✓
Configurable TDP-down	7.5 W	Intel TSX-NI	✓
Configurable TDP-down frequency	0.8 GHz	Intel Stable Image Platform Program (SIPP)	✓
Tjunction	100 °C	Intel® OS Guard	✓
Maximum number of PCI Express lanes	12	Intel Software Guard Extensions (Intel SGX)	✓
PCI Express slots version	3.0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
PCI Express configurations	1x2, 1x4, 2x2, 2x1, 4x1	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	32 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR4-SDRAM	Processor package size	42 x 24 mm
Memory clock speed	2133 MHz	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory form factor	SO-DIMM	Processor code	SR33Z
Memory layout (slots x size)	2 x 16 GB	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✓
Maximum internal memory *	32 GB	Graphics & IMC lithography	14 nm
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	512 GB	Intel Identity Protection Technology version	1.00
Storage media *	SSD	Intel Smart Response Technology version	1.00
Number of SSDs installed	1	Intel Stable Image Platform Program (SIPP) version	1.00
SSD capacity	512 GB	Intel Secure Key Technology version	1.00
Optical drive type *	✗	Intel TSX-NI version	1.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Processor ARK ID	97466
Graphics		Conflict-Free processor	✓
On-board graphics card *	✓	Power	
On-board graphics card family	Intel® HD Graphics	AC adapter power	45 W
On-board graphics card model *	Intel® HD Graphics 620	AC adapter frequency	50 - 60 Hz
On-board graphics card base frequency	300 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card dynamic frequency (max)	1150 MHz	DC-in jack	✓
Maximum on-board graphics card memory	32 GB	Security	
On-board graphics card DirectX version	12.0	Cable lock slot	✓
On-board graphics card OpenGL version	4.4	Fingerprint reader	✓
On-board graphics card ID	0x5916	Trusted Platform Module (TPM)	✓
Audio		Password protection	✓
Audio chip	Realtek ALC3268	Password protection type	HDD, Power on, Supervisor
Number of built-in speakers	2	Certificates	
Speaker power	2 W	Compliance certificates	RoHS
Built-in microphone	✓	Sustainability	
Camera		Sustainability certificates	ENERGY STAR
Front camera	✓	Weight & dimensions	
Front camera resolution	1280 x 720 pixels	Width	365.8 mm
Front camera signal format	720p		
Front camera HD type	HD		
Network			
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		

Network		Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	252.8 mm
Ethernet LAN	✓	Height (front)	2 cm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (rear)	2.02 cm
Bluetooth	✓	Weight *	1.97 kg
Bluetooth version	4.1	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Manual	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Quick start guide	✓
Ethernet LAN (RJ-45) ports	1	Warranty card	✓
HDMI ports quantity *	1	Power cord included	✓
HDMI version	1.4b	Other features	
Mini DisplayPorts quantity	1	Maximum internal memory (64-bit)	32 GB
Combo headphone/mic port	✓		
Docking connector	✓		

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