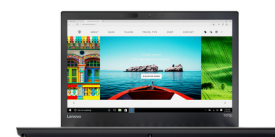




## Lenovo ThinkPad T470p Intel® Core™ i5 i5-7440HQ Laptop 35,6 cm (14") Touchscreen Full HD 8 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro Black



**Brand :** Lenovo

**Product family:** ThinkPad

**Product code:** 20J6001GUS

**Product name :** ThinkPad T470p

Intel Core i5-7440HQ (6M Cache, 2.8GHz), 8GB DDR4, 256GB SSD, 14" FHD (1920x1080) IPS, Intel HD Graphics 630, Gigabit Ethernet, WLAN, Bluetooth, Windows 10 Pro  
Lenovo ThinkPad T470p. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-7440HQ, Processor frequency: 2,8 GHz. Display diagonal: 35,6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Operating system installed: Windows 10 Pro. Product colour: Black

Design		Ports & interfaces	
Product type *	Laptop	Combo headphone/mic port	✓
Product colour *	Black	Docking connector	✓
Form factor *	Clamshell	USB Sleep-and-Charge	✓
Housing material	Acrylonitrile butadiene styrene (ABS), Magnesium, Polycarbonate (PC)	USB Sleep-and-Charge ports	1
Market positioning	Business	Performance	
<b>Display</b>		Motherboard chipset	Intel® QM175
		Keyboard	
		Pointing device	ThinkPad UltraNav
		Numeric keypad *	✗
		Keyboard backlit	✓
		Spill-resistant keyboard	✓
		Windows keys	✓
		Software	
		Operating system architecture	64-bit
		Operating system installed *	Windows 10 Pro
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® My WiFi Technology (Intel® MWT)	✓
Processor family *	Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor generation	7th gen Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i5-7440HQ	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor cores	4	Intel® Turbo Boost Technology	2.0
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3,8 GHz	Intel HD Graphics	✓
Processor frequency *	2,8 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	6 MB	Intel Clear Video Technology	✓
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor lithography	14 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor series	Intel Core i5-7400 Mobile Series	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor codename	Kaby Lake		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✓
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel® Secure Key	✓
ECC supported by processor	✗	Intel TSX-NI	✓
Memory		Intel Stable Image Platform Program (SIPP)	✓
Internal memory *	8 GB	Intel® OS Guard	✓
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory clock speed	2400 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 28 mm
Total storage capacity *	256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	SSD	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Processor ARK ID	97459
Card reader integrated	✓	Conflict-Free processor	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	Not available	Number of battery cells	6
On-board graphics card *	✓	Battery capacity *	48 Wh
Discrete graphics card *	✗	Power	
On-board graphics card family	Intel® HD Graphics	AC adapter frequency	50 - 60 Hz
On-board graphics card model *	Intel® HD Graphics 630	AC adapter input voltage	100 - 240 V
On-board graphics card base frequency	350 MHz	DC-in jack	✓
On-board graphics card dynamic frequency (max)	1000 MHz	Security	
Maximum on-board graphics card memory	64 GB	Cable lock slot	✓
On-board graphics card DirectX version	12.0	Fingerprint reader	✓
On-board graphics card OpenGL version	4.4	Trusted Platform Module (TPM)	✓
On-board graphics card ID	0x591B	Password protection	✓
Audio		Password protection type	HDD, Power on, Supervisor
Audio chip	Realtek ALC3268	Certificates	
Number of built-in speakers	2	Compliance certificates	RoHS
Speaker power	1 W	Sustainability	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR
Camera		Weight & dimensions	
Front camera	✓	Width	339 mm
Front camera resolution	1280 x 720 pixels	Depth	235 mm
Front camera signal format	720p	Height	24 mm
Network		Weight *	1,89 kg
Wi-Fi	✓	Packaging content	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	AC adapter included *	✓
Ethernet LAN	✓	Manual	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Quick start guide	✓
Bluetooth	✓	Power cord included	✓
Bluetooth version	4.1	Other features	
Ports & interfaces		LightScribe	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	3D	✗

Ports & interfaces		Other features
Ethernet LAN (RJ-45) ports	1	Maximum internal memory (64-bit) 32 GB
HDMI ports quantity *	1	
HDMI version	1.4b	
Mini DisplayPorts quantity	1	
DVI port	×	
Microphone in	×	

## Catalog Object Cloud



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