## 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	<b>✓</b>
	Acrylonitrile butadiene styrene	USB Sleep-and-Charge ports	1
Housing material	(ABS), Magnesium, Polycarbonate (PC)	Performance	_
Market positioning	Business		Lude OM175
Display		Motherboard chipset	Intel® QM175
Touchscreen type	Capacitive	Keyboard	
Display diagonal *	35,6 cm (14")	Pointing device	ThinkPad UltraNav
Display resolution *	1920 x 1080 pixels	Numeric keypad *	×
Touchscreen *	✓	Keyboard backlit	✓
HD type	Full HD	Spill-resistant keyboard	<b>✓</b>
Touch technology	Multi-touch	Windows keys	✓
Panel type	IPS	Software	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system installed *	Windows 10 Pro
Display surface	Matt	. 5 /	Williams 10 110
Screen shape	Flat	Processor special features	
Processor		Intel® My WiFi Technology (Intel® MWT)	✓
Processor manufacturer *	Intel	Intel® Smart Response Technology	✓
Processor family *	Intel® Core™ i5	Intel® Identity Protection	/
Processor generation	7th gen Intel® Core™ i5	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	
Processor boost frequency	3,8 GHz 2.8 GHz	Technology	✓
Processor frequency * Processor cache	2,8 GHZ 6 MB	Intel HD Graphics	✓
Processor cache type	Smart Cache	Intel® Clear Video HD Technology	✓
Processor lithography	14 nm	(Intel® CVT HD)	
Processor operating modes	64-bit	Intel Clear Video Technology	<b>V</b>
Processor series	Intel Core i5-7400 Mobile Series	Intel® InTru™ 3D Technology	<b>/</b>
Processor codename	Kaby Lake	Intel® Quick Sync Video Technology	<b>✓</b>
Thermal Design Power (TDP)	45 W	Intel Flex Memory Access	✓
Configurable TDP-down	35 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Tjunction	100 °C	ALJ-IVI)	

Maximum number of PCI Express   16	Drococcor		Drococcar chasial factures	
Interest   1.0   Inte	Processor		Processor special features	
CE Express dots version   3.0   Tables (EVT)   Ta	Maximum number of PCI Express lanes	16	• •	✓
Memory	PCI Express slots version	3.0	5	✓
Internal memory   Internal m	PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel® Secure Key	✓
Internal memory	ECC supported by processor	×	Intel TSX-NI	✓
Internal memory by   DRA-SDRAM   Intel® OS Guard	Memory			✓
Internal memory type	Internal memory *			<b>✓</b>
Memory slots	, ,,			
Intel 64	·		,	•
Idle States  Vistrage  Vistrage capacity * 256 GB	Memory slots			✓
Thermal Monitoring Technologies	Maximum internal memory *	32 GB		
Total storage capacity ' 256 G8	Storage			
Storage media * SSD  Number of SSDs installed  1	Total storage capacity *	256 GB	3	
Number of SSUS installed   1	Storage media *	SSD		
Embedded options available   X   X   X   X   X   X   X   X   X	Number of SSDs installed	_	• •	
Intel Virtualization Technology for Directed (Vo (VT-d)   VT-d)   VT-d	Solid-state drive capacity			
Directed JIO (VT-d)  Amount of the type of			•	
Compatible memory cards  MMC, SD, SDHC, SDXC  X)  Processor ARK ID  Processor  Conflict-Free processor  Conflict-Free processor  X Processor  ARK ID  97459  97459  Processor  ARK ID  97459  97459  Processor  ARK ID  97459  Processor  X Pro			Directed I/O (VT-d)	✓
Braine Series S	<del>-</del>			✓
Discrete graphics card model * On-board graphics card *		אטר , אורוכ, אורוכ, אורוכ, אורוכ,		97459
On-board graphics card *	•	National India	Conflict-Free processor	✓
Discrete graphics card such comments of the process of the proces			Battery	
On-board graphics card family On-board graphics card model * Intel® HD Graphics Intel® HD Graphics Alberty capacity * 48 Wh  On-board graphics card model * Intel® HD Graphics 630 Battery capacity * 48 Wh  On-board graphics card base requency AC adapter frequency 50 - 60 Hz  AC adapter frequency (max) 50 - 60 Hz  AC adapter input voltage 100 - 240 V  DC-in jack 7  Security  12.0 Cable lock slot 7  Fingerprint reader 7  Version 7  On-board graphics card DirectX version 7  On-board graphics card DirectX version 7  On-board graphics card ID 0x591B Password protection where one of the password protection with the password protection with the password protection with the password protection password protection with the password protection pas	- '		•	Lithium-lon (Li-lon)
On-board graphics card model * Intel® HD Graphics 630 Battery capacity * 48 Wh On-board graphics card base frequency On-board graphics card base frequency On-board graphics card dynamic frequency (max) On-board graphics card memory On-board graphics card DirectX version On-board graphics card ID On-board graphics ca	- ·			
On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card DirectX version  Password protection version ve		•	Battery capacity *	48 Wh
Trequency (max) 1000 MHz AC adapter frequency 50 - 60 Hz AC adapter frequency (max) 1000 MHz AC adapter input voltage 100 - 240 V AC adapter input voltage 100	On-board graphics card base	350 MHz	Power	
frequency (max)  Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card OpenGL version On-board graphics card OpenGL version On-board graphics card ID Ox591B  Audio On-board graphics card ID Ox591B  Audio Audio Chip Realtek ALC326B Number of built-in speakers Sepaker power 1 W Sustainability  Camera  Front camera Front camera resolution Front camera resolution Front camera signal format 720p Depth Septh Wi-Fi Wi-Fi Wi-Fi Wi-Fi Wi-Fi Wi-Fi Wi-Fi Wi-Fi Sustainadrs  802.11a, Wi-Fi 5 (802.11ac), 802.11a, Wi-Fi 4 (802.11ac), 802.11b, 802.11a, Wi-Fi 4 (802.11ac) Bluetooth Version  4.1  On-board graphics card DirectX Version Cable lock slot  Cable lock	· ·	330 1-1112	AC adapter frequency	50 - 60 Hz
Security On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID On-board graphics derived IN On-board graphics In On-boar	frequency (max)	1000 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version  Cable lock slot  A.4.  Fingerprint reader  Version  On-board graphics card OpenGL version  On-board graphics card ID  Ox591B  Audio  Audio  Audio  Audio Chip  Realtek ALC3268  Audio Chip  Audio  Audio  Audio  Certificates  Certificates  Audio  Compliance certificates  Audio  Audio  Compliance certificates  Audio  Audio  Compliance certificates  Audio  Audio  Audio  Compliance certificates  Audio  Audio  Audio  Compliance certificates  Audio  Au	Maximum on-board graphics card	64 GB	DC-in jack	✓
version On-board graphics card OpenGL version On-board graphics card ID On-board protection type On-board protection tope On-b	-	12.0	Security	
Version 0n-board graphics card ID 0x591B Trusted Platform Module (TPM) Password protection Password protection type HDD, Power on, Supervisor Password Pa	version	12.0	Cable lock slot	✓
Trusted Platform Module (TPM)  Audio  Audio Password protection Audio Password protection type Audio chip Audio Realtek ALC3268 Number of built-in speakers Speaker power 1 W Built-in microphone  Camera Front camera Front camera resolution Front camera signal format  Network Wi-Fi Wi-Fi standards  802.11a, Wi-Fi 5 (802.11ac), 802.11g, Wi-Fi 4 (802.11n) Built-in wi-Fi 4 (802.11n) Built-in microphone  Audio chip Realtek ALC3268 Certificates Compliance certificates RoHS  RoHS  Sustainability  Sustainability  Width 339 mm  Popth 235 mm  Height Weight & dimensions  Weight & dimensions  Packaging content  Weight *  AC adapter included *  AC a		4.4	<b>5</b> .	✓
Audio chip Audio chip Realtek ALC3268 Number of built-in speakers 2	On-board graphics card ID	0x591B	• • •	✓
Audio chip Number of built-in speakers 2 Speaker power 1 W Compliance certificates RoHS  Built-in microphone V Sustainability  Camera Front camera resolution Front camera signal format 720p Depth 1891	Audio		•	
Number of built-in speakers  Speaker power  Built-in microphone  Camera  Front camera  Front camera resolution  1280 x 720 pixels  Width  339 mm  Front camera signal format  720p  Depth  Beight  Weight & dimensions  Front camera signal format  720p  Depth  235 mm  Height  Weight *  Wei		Realtek ALC3268	Password protection type	HDD, Power on, Supervisor
Built-in microphone  Camera  Front camera  Front camera vesolution 1280 x 720 pixels Width 339 mm  Front camera signal format 720p Depth 235 mm  Network  Wi-Fi  Wi-Fi  Wi-Fi standards 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11b, 802.11g, Wi-Fi 4 (802.11n)  Ethernet LAN veson 10,100,1000 Mbit/s Quick start guide veson 10,10	Number of built-in speakers	2		
Sustainability certificates ENERGY STAR  Front camera Front camera	Speaker power	1 W	Compliance certificates	RoHS
Front camera  Front camera  Front camera resolution  1280 x 720 pixels  Width  339 mm  Poepth  235 mm  Height  44 mm  Weight *  Weight *  Packaging content  AC adapter included *  Fithernet LAN  Ethernet LAN  Ethernet LAN  Ethernet LAN data rates  Bluetooth  Bluetooth version  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  Weight *  Width  339 mm  Height  24 mm  Weight *  Packaging content  AC adapter included *  AC adapter included *  AC adapter included *  Power cord included  AC adapter included  AC adapter included *  AC adapter inclu	Built-in microphone	✓	Sustainability	
Front camera resolution 1280 x 720 pixels Width 339 mm  Front camera signal format 720p Depth 235 mm  Network	Camera		Sustainability certificates	ENERGY STAR
Front camera signal format  Network  Wi-Fi  Wi-Fi standards  802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)  Ethernet LAN  Ethernet LAN data rates  10,100,1000 Mbit/s  Bluetooth  Bluetooth  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  A leight  Weight *  Packaging content  AC adapter included *  AC adapter included	Front camera	<b>✓</b>	Weight & dimensions	
Network  Wi-Fi  Wi-Fi  Wi-Fi standards  802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)  Ethernet LAN  Ethernet LAN data rates  10,100,1000 Mbit/s  Bluetooth  Bluetooth version  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3  Height Weight * 1,89 kg  Packaging content  AC adapter included *  Manual  AC adapter included *  Manual  AC adapter included *  Power cord included  AC adapter included *  AC adapter	Front camera resolution	1280 x 720 pixels	Width	339 mm
Weight * 1,89 kg  Weight * 1,89 kg  Weight * 1,89 kg  Weight * 1,89 kg  Packaging content  AC adapter included *   Manual  Ethernet LAN data rates 10,100,1000 Mbit/s Quick start guide Power cord included   Bluetooth Power cord included   Power cord included   Other features  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3	Front camera signal format	720p	Depth	235 mm
Wi-Fi Wi-Fi standards  802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)  Ethernet LAN  Ethernet LAN data rates  10,100,1000 Mbit/s  Bluetooth Bluetooth version  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3  Packaging content  AC adapter included *	Network		•	
Wi-Fi standards  802.11a, Wi-Fi 3 (802.11a), 802.11b, 802.11g, Wi-Fi 4 (802.11n)  AC adapter included *  Manual  Ethernet LAN data rates  10,100,1000 Mbit/s  Quick start guide  Power cord included  Other features  LightScribe  X  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3	Wi-Fi	<b>✓</b>		1,89 kg
Ethernet LAN  Ethernet LAN   Manual  Ethernet LAN data rates  10,100,1000 Mbit/s  Bluetooth  Bluetooth version  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3  Manual  Quick start guide  Power cord included  Other features  LightScribe  X  20  20  20  20  20  20  20  20  20	Wi-Fi standards			
Ethernet LAN data rates 10,100,1000 Mbit/s Quick start guide  Bluetooth Power cord included  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3  Quick start guide  Power cord included  Other features  LightScribe  X		-	·	<b>✓</b>
Bluetooth  Power cord included  Other features  LightScribe  X  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3				<b>✓</b>
Bluetooth version  4.1  Other features  LightScribe  X  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3			•	<b>✓</b>
Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A  3	Bluetooth version		Power cord included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A				
		_	LightScribe	×
	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 X Microphone in X

## **Catalog Object Cloud**



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