

## T1A ThinkPad Lenovo T470 Refurbished Intel® Core™ i5 i5-6200U Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black



Product family: ThinkPad

Product code: L-T470-UK-P001

Product name : Lenovo ThinkPad T470 Refurbished

Lenovo T470, Intel Core i5-6200U 2.40GHz, WIFI, 256GB SSD 8GB RAM, No ODD, 14in 1920x1080, UK Keyboard, MAR WIN10 Pro, Broadwell-U Integrated, BARGA1N PLUS, 64BIT

T1A ThinkPad Lenovo T470 Refurbished. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6200U, Processor frequency: 2.3 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Pro. Product colour: Black







Design		Ports & interfaces	
Product type * Product colour * Form factor * Housing material	Laptop Black Clamshell Glass-reinforced plastic (GRP), Glass fibre Business	Combo headphone/mic port Docking connector Charging port type USB Sleep-and-Charge USB Sleep-and-Charge ports	✓ ✓ DC-in jack ✓ 1
Market positioning		Keyboard	
Refurbished Display Display diagonal * Display resolution * Touchscreen *	✓ 35.6 cm (14") 1920 x 1080 pixels ×	Pointing device Keyboard language Numeric keypad * Spill-resistant keyboard Windows keys	ThinkPad UltraNav UK English X
HD type LED backlight	Full HD	Software	
Native aspect ratio Display surface	16:9 Matt	Operating system architecture Operating system installed *	64-bit Windows 10 Pro
Processor		Processor special features	
Processor Processor manufacturer * Processor generation Processor generation Processor model * Processor cores Processor threads Processor boost frequency Processor frequency * System bus rate Processor cache Processor cache type Processor cache type Processor socket Processor lithography Processor operating modes Processor series Processor codename	Intel Intel® Core™ i5 6th gen Intel® Core™ i5 i5-6200U 2 4 2.8 GHz 2.3 GHz 4 GT/s 3 MB Smart Cache LGA 1356 (Socket B2) 14 nm 64-bit Intel Core i5-6200 series Skylake	Intel® Wireless Display (Intel® WiDi) Intel® My WiFi Technology (Intel® MWT) Intel® Smart Response Technology Intel® Identity Protection Technology (Intel® IPT) Intel® Hyper Threading Technology (Intel® HT Technology) Intel® Turbo Boost Technology Intel® Small Business Advantage (Intel® SBA) Enhanced Intel SpeedStep Technology Intel® Clear Video HD Technology (Intel® CVT HD) Intel Clear Video Technology Intel® InTru <sup>™</sup> 3D Technology	
Bus type	QPI	Intel® Insider™	4
Stepping Thermal Design Power (TDP) Configurable TDP-up frequency Configurable TDP-up	D1 15 W 2.4 GHz 25 W	Intel® Quick Sync Video Technology Intel Flex Memory Access Intel® Smart Cache	

Processor		Processor special features	
	7 E W		
Configurable TDP-down Configurable TDP-down frequency	7.5 W 0.8 GHz	Intel® AES New Instructions (Intel® AES-NI)	<
Tjunction	100 °C	Intel Trusted Execution Technology	×
Maximum number of PCI Express		Intel Enhanced Halt State	1
lanes	12	Intel VT-x with Extended Page	1
PCI Express slots version	3.0	Tables (EPT)	•
PCI Express configurations	1x4, 4x1	Intel® Secure Key	V
ECC supported by processor	×	Intel TSX-NI	×
Memory		Intel Stable Image Platform Program (SIPP)	×
Internal memory *	8 GB	Intel® OS Guard	1
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions	1
Memory clock speed	2133 MHz	(Intel SGX)	•
Memory form factor	SO-DIMM	Intel <sup>®</sup> Clear Video Technology for Mobile Internet Devices (Intel CVT	1
Memory slots	2x SO-DIMM	for MID)	
Maximum internal memory *	32 GB	Intel 64	✓
Storage		Execute Disable Bit	4
Total storage capacity *	256 GB	Idle States	4
Storage media *	SSD	Thermal Monitoring Technologies	
Total SSDs capacity	256 GB	Processor package size	42 X 24 mm
Number of SSDs installed	1	Supported instruction sets Processor code	SSE4.1, SSE4.2, AVX 2.0 SR2EY
SSD capacity	256 GB	CPU configuration (max)	1
Optical drive type *	×	Embedded options available	×
Card reader integrated Compatible memory cards	✓ MMC, SD, SDHC, SDXC	Graphics & IMC lithography	14 nm
		Intel Virtualization Technology for	,
Graphics		Directed I/O (VT-d)	4
Discrete graphics card model *	Not available	Intel Identity Protection Technology version	1.00
On-board graphics card *	×	Intel Smart Response Technology	
On-board GPU manufacturer	Intel	version	1.00
Discrete graphics card * On-board graphics card family	X Intel® HD Graphics	Intel Stable Image Platform Program	0.00
On-board graphics card model *	Intel® HD Graphics 520	(SIPP) version	1.00
On-board graphics card base	·	Intel Secure Key Technology version Intel Small Business Advantage	1.00
frequency	300 MHz	(SBA) version	1.00
On-board graphics card dynamic frequency (max)	1000 MHz	Intel TSX-NI version	1.00
Maximum on-board graphics card		Intel Virtualization Technology (VT-	1
memory	1.74 GB	x) Processor ARK ID	88193
On-board graphics card DirectX	12.0	Conflict-Free processor	<ul><li>✓</li></ul>
version On-board graphics card OpenGL			•
version	4.4	Power	50 60.0
On-board graphics card ID	1916	AC adapter frequency AC adapter input voltage	50 - 60 Hz 100 - 240 V
Audio			100 - 240 V
Audio chip	Realtek ALC3268	Security	
Number of built-in speakers	2	Cable lock slot	4
Speaker power	2 W	Trusted Platform Module (TPM)	
Built-in microphone	✓	Password protection Password protection type	<ul> <li>HDD, Power on, Supervisor</li> </ul>
Camera			HDD, Power off, Supervisor
Front camera	1	Certificates	
Front camera resolution	1280 x 720 pixels	Compliance certificates	RoHS
Front camera signal format	720p	Sustainability	
Front camera HD type	HD	Sustainability certificates	ENERGY STAR
Network		Weight & dimensions	
Wi-Fi	1	Width	336.6 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Depth	232.5 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Height	19.9 mm
Mobile network connection *	×	Packaging content	
Ethernet LAN	<b>V</b>	Manual	1
Ethernet LAN data rates	10,100,1000 Mbit/s	Quick start guide	1

Network		Packaging content	
Bluetooth	✓	Warranty card	1
Bluetooth version	4.1	Power cord included	4
WWAN	Installed	Other features	
Ports & interfaces		AC adapter included	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	LightScribe	X
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Maximum internal memory (64-bit)	it) 32 GB
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		

HDMI version

Microphone in

Headphone outputs

DVI port

1.4b

**×** 1

×



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