

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



Brand : T1A

Product family: ThinkPad

Product code: L-T470-UK-T003

Product name : Lenovo ThinkPad T470 Refurbished

Lenovo T470, Intel Core i5-6200U 2.40GHz, WIFI, 256GB SSD 8GB RAM, No ODD, 14in, UK Keyboard, MAR WIN10 Pro, Broadwell-U Integrated, T1A, 64BIT

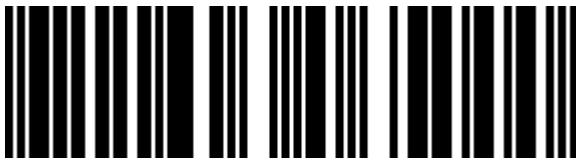
T1A ThinkPad Lenovo T470 Refurbished. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6200U, Processor frequency: 2.3 GHz. Display diagonal: 35.6 cm (14"). Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage 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 *	Laptop	Docking connector	✓
Product colour *	Black	Charging port type	DC-in jack
Form factor *	Clamshell	USB Sleep-and-Charge	✓
Housing material	Glass-reinforced plastic (GRP), Glass fibre	USB Sleep-and-Charge ports	1
Display		Keyboard	
Display diagonal *	35.6 cm (14")	Pointing device	ThinkPad UltraNav
Touchscreen *	✗	Keyboard language	UK English
LED backlight	✓	Numeric keypad *	✗
Native aspect ratio	16:9	Spill-resistant keyboard	✓
Display surface	Matt	Windows keys	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 10 Pro
Processor generation	6th gen Intel® Core™ i5	Processor special features	
Processor model *	i5-6200U	Intel® Wireless Display (Intel® WiDi)	✓
Processor cores	2	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	4	Intel® Smart Response Technology	✓
Processor boost frequency	2.8 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	2.3 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	4 GT/s	Intel® Turbo Boost Technology	2.0
Processor cache	3 MB	Intel® Small Business Advantage (Intel® SBA)	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor socket	LGA 1356 (Socket B2)	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	14 nm	Intel Clear Video Technology	✓
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i5-6200 series	Intel® Insider™	✓
Processor codename	Skylake	Intel® Quick Sync Video Technology	✓
Bus type	QPI	Intel Flex Memory Access	✓
Stepping	D1	Intel® Smart Cache	✓
Thermal Design Power (TDP)	15 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-up frequency	2.4 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	7.5 W		
Configurable TDP-down frequency	0.8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	12	Intel Enhanced Halt State	✓
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x4, 4x1	Intel® Secure Key	✓
ECC supported by processor	✗	Intel TSX-NI	✗
Memory		Processor special features	
Internal memory *	8 GB	Intel Stable Image Platform Program (SIPP)	✗
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory clock speed	2133 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory form factor	SO-DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT) for MID	✓
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	32 GB	Execute Disable Bit	✓
Storage		Processor special features	
Total storage capacity *	256 GB	Idle States	✓
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	SSE4.1, SSE4.2, AVX 2.0
SSD capacity	256 GB	Processor code	SR2EY
Optical drive type *	✗	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	MMC, SD, SDHC, SDXC	Graphics & IMC lithography	14 nm
Graphics		Processor special features	
Discrete graphics card model *	Not available	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
On-board GPU manufacturer	Intel	Intel Smart Response Technology version	1.00
Discrete graphics card *	✗	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card family	Intel® HD Graphics	Intel Secure Key Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 520	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card base frequency	300 MHz	Intel TSX-NI version	1.00
On-board graphics card dynamic frequency (max)	1000 MHz	Intel Virtualization Technology (VT-x)	✓
Maximum on-board graphics card memory	1.74 GB	Processor ARK ID	88193
On-board graphics card DirectX version	12.0	Conflict-Free processor	✓
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	1916	AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
Audio		Security	
Audio chip	Realtek ALC3268	Cable lock slot	✓
Number of built-in speakers	2	Trusted Platform Module (TPM)	✓
Speaker power	2 W	Password protection	✓
Built-in microphone	✓	Password protection type	HDD, Power on, Supervisor
Camera		Certificates	
Front camera	✓	Compliance certificates	RoHS
Front camera resolution	1280 x 720 pixels	Sustainability	
Front camera signal format	720p	Sustainability certificates	ENERGY STAR
Front camera HD type	HD	Weight & dimensions	
Network		Width	336.6 mm
Wi-Fi	✓	Depth	232.5 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Height	19.9 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Packaging content	
Mobile network connection *	✗	Manual	✓
Ethernet LAN	✓	Quick start guide	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Warranty card	✓
Bluetooth	✓		
Bluetooth version	4.1		

Network		Packaging content	
WWAN	Installed	Power cord included	✓
Ports & interfaces		Other features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	AC adapter included	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	LightScribe	✗
Ethernet LAN (RJ-45) ports	1	Maximum internal memory (64-bit)	32 GB
HDMI ports quantity *	1		
HDMI version	1.4b		
DVI port	✗		
Headphone outputs	1		
Microphone in	✗		
Combo headphone/mic port	✓		



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