



# T1A ThinkPad Lenovo T470 Refurbished i5-6200U Notebook 35.6 cm (14") Full HD Intel® Core™ i5 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-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, BARGAIN PLUS, 64BIT  
 T1A ThinkPad Lenovo T470 Refurbished. Product type: Notebook, 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 *	Notebook	Microphone in	✗
Product colour *	Black	Combo headphone/mic port	✓
Form factor *	Clamshell	Docking connector	✓
Housing material	Glass-reinforced plastic (GRP), Glass fibre	Charging port type	DC-in jack
Market positioning	Business	USB Sleep-and-Charge	✓
Refurbished	✓	USB Sleep-and-Charge ports	1
Display		Keyboard	
Display diagonal *	35.6 cm (14")	Pointing device	ThinkPad UltraNav
Display resolution *	1920 x 1080 pixels	Keyboard language	UK English
Touchscreen *	✗	Numeric keypad *	✗
HD type	Full HD	Spill-resistant keyboard	✓
LED backlight	✓	Windows keys	✓
Native aspect ratio	16:9	Software	
Display surface	Matt	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 10 Pro
Processor manufacturer *	Intel	Processor special features	
Processor generation	6th gen Intel® Core™ i5	Intel® Wireless Display (Intel® WiDi)	✓
Processor model *	i5-6200U	Intel® My WiFi Technology (Intel® MWT)	✓
Processor family *	Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor frequency *	2.3 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	2.8 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	4	Intel® Turbo Boost Technology	2.0
System bus rate	4 GT/s	Intel® Small Business Advantage (Intel® SBA)	✓
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✓
Processor socket	LGA 1356 (Socket B2)	Intel® InTru™ 3D Technology	✓
Processor lithography	14 nm	Intel® Insider™	✓
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Processor series	Intel Core i5-6200 series	Intel Flex Memory Access	✓
Processor codename	Skylake	Intel® Smart Cache	✓
Bus type	QPI		
Stepping	D1		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2.4 GHz		
Configurable TDP-up	25 W		

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

Network		Other features	
Bluetooth version	4.1	AC adapter included	✓
WWAN	Installed	LightScribe	✗
Ports & interfaces		Maximum internal memory (64-bit)	32 GB
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
HDMI version	1.4b		
DVI port	✗		
Headphone outputs	1		



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