



# T1A ThinkPad Lenovo T470 Refurbished Intel® Core™ i5 i5-7200U Laptop 35.6 cm (14") Full HD 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-T002

**Product name :** Lenovo ThinkPad T470 Refurbished

- Each product is backed by five ISO Certifications: 9001 for Quality Management, 14001 for Environmental Management, 27001 for Security Management, 37001 for Anti-Bribery Management, and 45001 for Occupational Health and Safety
  - Each unit comes with a pre-installed genuine Microsoft Windows 10, ensuring you a reliable operating system on your refurbished device
  - Customer Satisfaction Guarantee. If the product does not live up to the description and your expectations as an end-user, then you have the opportunity to return the product
  - A GDPR compliant data erased product
- Lenovo T470, Intel Core i5-7200U 2.40GHz, WIFI, 256GB SSD 8GB RAM, No ODD, 14in 1920x1080, UK Keyboard, MAR WIN10 Pro, Broadwell-U Integrated, T1A, 64BIT

T1A ThinkPad Lenovo T470 Refurbished Intel® Core™ i5 i5-7200U Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black:

T1A is the Market Leading Refurbished product. It is suitable for professional office usage and especially for companies and users seeking a more sustainable IT profile. This product has only a few cosmetic signs of usage.

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
Market positioning	Business	Keyboard	
Refurbished	✓	Pointing device	ThinkPad UltraNav
Display		Keyboard layout	QWERTY
Display diagonal *	35.6 cm (14")	Keyboard language	UK English
Display resolution *	1920 x 1080 pixels	Numeric keypad *	✗
Touchscreen *	✗	Spill-resistant keyboard	✓
HD type	Full HD	Windows keys	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Display surface	Matt	Operating system installed *	Windows 10 Pro
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	7th gen Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor model *	i5-7200U	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	4	Intel® Turbo Boost Technology	2.0
Processor boost frequency	3.1 GHz	Intel® Small Business Advantage (Intel® SBA)	✓
Processor frequency *	2.5 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	4 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	3 MB	Intel Clear Video Technology	✓
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	LGA 1356 (Socket B2)		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-6200 series		
Processor codename	Skylake		

Processor		Processor special features	
Bus type	QPI	Intel® Insider™	✓
Stepping	D1	Intel® Quick Sync Video Technology	✓
Thermal Design Power (TDP)	15 W	Intel Flex Memory Access	✓
Configurable TDP-up frequency	2.4 GHz	Intel® Smart Cache	✓
Configurable TDP-up	25 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down	7.5 W	Intel Trusted Execution Technology	✗
Configurable TDP-down frequency	0.8 GHz	Intel Enhanced Halt State	✓
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	12	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
PCI Express configurations	1x4, 4x1	Intel Stable Image Platform Program (SIPP)	✗
ECC supported by processor	✗	Intel® OS Guard	✓
<b>Memory</b>		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory clock speed	2133 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory slots	2x SO-DIMM	Thermal Monitoring Technologies	✓
Maximum internal memory *	32 GB	Processor package size	42 X 24 mm
<b>Storage</b>		Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Total storage capacity *	256 GB	Processor code	SR2EY
Storage media *	SSD	CPU configuration (max)	1
Total SSDs capacity	256 GB	Embedded options available	✗
Number of SSDs installed	1	Graphics & IMC lithography	14 nm
SSD capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Smart Response Technology version	1.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Stable Image Platform Program (SIPP) version	0.00
<b>Graphics</b>		Intel Secure Key Technology version	1.00
Discrete graphics card model *	Not available	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card *	✓	Intel TSX-NI version	1.00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	88193
On-board graphics card model *	Intel® HD Graphics 620	Conflict-Free processor	✓
On-board graphics card base frequency	300 MHz	<b>Power</b>	
On-board graphics card dynamic frequency (max)	1000 MHz	AC adapter frequency	50 - 60 Hz
Maximum on-board graphics card memory	1.74 GB	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version	12.0	<b>Security</b>	
On-board graphics card OpenGL version	4.4	Cable lock slot	✓
On-board graphics card ID	1916	Trusted Platform Module (TPM)	✓
<b>Audio</b>		Password protection	✓
Audio chip	Realtek ALC3268	Password protection type	HDD, Power on, Supervisor
Number of built-in speakers	2	<b>Certificates</b>	
Speaker power	2 W	Compliance certificates	RoHS
Built-in microphone	✓	<b>Sustainability</b>	
<b>Camera</b>		Sustainability certificates	ENERGY STAR
Front camera	✓	<b>Weight &amp; dimensions</b>	
Front camera resolution	1280 x 720 pixels	Width	336.6 mm
Front camera signal format	720p	Depth	232.5 mm
Front camera HD type	HD		
<b>Network</b>			
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		

Network		Weight & dimensions	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Height	19.9 mm
Mobile network connection *	✗	Packaging content	
Ethernet LAN	✓	Manual	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Quick start guide	✓
Bluetooth	✓	Warranty card	✓
Bluetooth version	4.1	Power cord included	✓
WWAN	Installed	Other features	
Ports & interfaces		AC adapter included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	LightScribe	✗
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Maximum internal memory (64-bit)	32 GB
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
HDMI version	1.4b		
DVI port	✗		
Headphone outputs	1		
Microphone in	✗		
Combo headphone/mic port	✓		



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