



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



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: 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 *	Laptop	Combo headphone/mic port	✓
Product colour *	Black	Docking connector	✓
Form factor *	Clamshell	Charging port type	DC-in jack
Housing material	Glass-reinforced plastic (GRP), Glass fibre	USB Sleep-and-Charge	✓
Market positioning	Business	USB Sleep-and-Charge ports	1
Refurbished	✓	Keyboard	
Display		Pointing device	ThinkPad UltraNav
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	6th gen Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor model *	i5-6200U	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	2.8 GHz	Intel® Small Business Advantage (Intel® SBA)	✓
Processor frequency *	2.3 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)	Intel® Insider™	✓
Processor lithography	14 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor series	Intel Core i5-6200 series	Intel® Smart Cache	✓
Processor codename	Skylake		
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
On-board GPU manufacturer	Intel	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 520	Conflict-Free processor	✓
On-board graphics card base frequency	300 MHz	Power	
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	Security	
On-board graphics card OpenGL version	4.4	Cable lock slot	✓
On-board graphics card ID	1916	Trusted Platform Module (TPM)	✓
Audio		Password protection	✓
Audio chip	Realtek ALC3268	Password protection type	HDD, Power on, Supervisor
Number of built-in speakers	2	Certificates	
Speaker power	2 W	Compliance certificates	RoHS
Built-in microphone	✓	Sustainability	
Camera		Sustainability certificates	ENERGY STAR
Front camera	✓	Weight & dimensions	
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	Height	19.9 mm
Network		Packaging content	
Wi-Fi	✓	Manual	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Quick start guide	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)		
Mobile network connection *	✗		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		

Network		Packaging content	
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	✗		



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