



# T1A Lenovo ThinkPad T480 Refurbished Intel® Core™ i5 i5-8350U Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 240 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black



**Brand :** T1A

**Product code:** L-T480-UK-P001

**Product name :** Lenovo ThinkPad T480 Refurbished

- Windows 10 Pro 64-bit
- Intel Core i5-8350U (6MB Cache, 1.7GHz)
- 35.6 cm (14") Full HD 1920 x 1080 IPS
- 8GB (2400MHz) DDR4-SDRAM & 240GB SSD

Intel Core i5-8350U (6MB Cache, 1.7GHz), 8GB DDR4-SDRAM, 240GB SSD, 35.6 cm (14") Full HD 1920 x 1080 IPS, Intel UHD Graphics 620, LAN, WLAN, Webcam, Windows 10 Pro 64-bit

T1A Lenovo ThinkPad T480 Refurbished. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8350U, Processor frequency: 1.7 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: 240 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 620. Operating system installed: Windows 10 Pro. Product colour: Black



Windows 10

Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Product colour *	Black	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Form factor *	Clamshell	Ethernet LAN (RJ-45) ports	1
Refurbished	✓	HDMI ports quantity *	1
Display		HDMI version	1.4b
Display diagonal *	35.6 cm (14")	Combo headphone/mic port	✓
Display resolution *	1920 x 1080 pixels	Docking connector	✓
HD type	Full HD	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	USB Power Delivery	✓
LED backlight	✓	USB Sleep-and-Charge	✓
Native aspect ratio	16:9	USB Sleep-and-Charge ports	1
Display brightness	250 cd/m <sup>2</sup>	Keyboard	
Contrast ratio (typical)	700:1	Pointing device	ThinkPad UltraNav
Processor		Keyboard language	UK English
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel® Core™ i5	Spill-resistant keyboard	✓
Processor generation	8th gen Intel® Core™ i5	Software	
Processor model *	i5-8350U	Operating system architecture	64-bit
Processor cores	4	Windows 11 free upgrade	✗
Processor threads	8	Operating system installed *	Windows 10 Pro
Processor boost frequency	3.6 GHz	Processor special features	
Processor frequency *	1.7 GHz	Intel® My WiFi Technology (Intel® MWT)	✓
System bus rate	4 GT/s	Intel® Smart Response Technology	✓
Processor cache	6 MB	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache type	Smart Cache	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor socket	BGA 1356	Intel® Turbo Boost Technology	2.0
Processor lithography	14 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit		
Processor codename	Kaby Lake R		
Bus type	OPI		
Stepping	Y0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	1.9 GHz		
Configurable TDP-up	25 W		

Processor		Processor special features	
Configurable TDP-down	10 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Configurable TDP-down frequency	0.8 GHz	Intel Clear Video Technology	✓
Tjunction	100 °C	Intel® InTru™ 3D Technology	✓
Maximum number of PCI Express lanes	12	Intel® Quick Sync Video Technology	✓
PCI Express slots version	3.0	Intel Flex Memory Access	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✓
Internal memory *	8 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	2400 MHz	Intel® Secure Key	✓
Memory form factor	SO-DIMM	Intel TSX-NI	✓
Memory slots	2x SO-DIMM	Intel Stable Image Platform Program (SIPP)	✓
Maximum internal memory *	32 GB	Intel® OS Guard	✓
Storage		Intel Software Guard Extensions (Intel SGX)	✓
Total storage capacity *	240 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage media *	SSD	Intel 64	✓
Total SSDs capacity	240 GB	Execute Disable Bit	✓
Number of SSDs installed	1	Idle States	✓
SSD capacity	240 GB	Thermal Monitoring Technologies	✓
Optical drive type *	✗	Processor package size	42 X 24 mm
Card reader integrated	✓	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Compatible memory cards	MMC, SD, SDHC, SDXC	Processor code	SR3L9
Graphics		CPU configuration (max)	1
On-board graphics card *	✓	Embedded options available	✗
On-board GPU manufacturer	Intel	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card family	Intel® UHD Graphics	Intel Identity Protection Technology version	1.00
On-board graphics card model *	Intel® UHD Graphics 620	Intel Smart Response Technology version	1.00
On-board graphics card base frequency	300 MHz	Intel Stable Image Platform Program (SIPP) version	1.00
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Secure Key Technology version	1.00
Maximum on-board graphics card memory	32 GB	Intel TSX-NI version	1.00
On-board graphics card DirectX version	12.0	Intel Virtualization Technology (VT-x)	✓
On-board graphics card OpenGL version	4.4	Processor ARK ID	124969
On-board graphics card ID	0x5917	Conflict-Free processor	✓
Audio		Battery	
Audio system	Dolby Audio Premium	Battery technology	Lithium-Ion (Li-Ion)
Number of built-in speakers	2	Security	
Speaker power	2 W	Cable lock slot	✓
Built-in subwoofer	✗	Trusted Platform Module (TPM)	✓
Built-in microphone	✓	Password protection	✓
Camera		Password protection type	HDD, Power on, Supervisor
Front camera	✓	Weight & dimensions	
Front camera HD type	HD	Width	336.6 mm
Network		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)		
Antenna type	2x2		
WLAN controller model	Intel Dual Band Wireless-AC 8265		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Bluetooth version	4.1		

## Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A  
ports quantity \* 2



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