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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
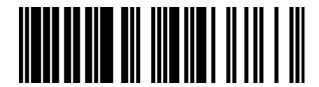
Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Refurbished	✔

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Display brightness	250 cd/m²
Contrast ratio (typical)	700:1

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	8th gen Intel® Core™ i5
Processor model *	i5-8350U
Processor cores	4
Processor threads	8
Processor boost frequency	3.6 GHz
Processor frequency *	1.7 GHz
System bus rate	4 GT/s
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	BGA 1356
Processor lithography	14 nm
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

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
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
Combo headphone/mic port	✔
Docking connector	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Keyboard

Pointing device	ThinkPad UltraNav
Keyboard language	UK English
Numeric keypad *	✘
Spill-resistant keyboard	✔

Software

Operating system architecture	64-bit
Windows 11 free upgrade	✘
Operating system installed *	Windows 10 Pro

Processor special features

Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔

Processor

Configurable TDP-down	10 W
Configurable TDP-down frequency	0.8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2400 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage

Total storage capacity *	240 GB
Storage media *	SSD
Total SSDs capacity	240 GB
Number of SSDs installed	1
SSD capacity	240 GB
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MMC, SD, SDHC, SDXC

Graphics

On-board graphics card *	✓
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics 620
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	32 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x5917

Audio

Audio system	Dolby Audio Premium
Number of built-in speakers	2
Speaker power	2 W
Built-in subwoofer	✗
Built-in microphone	✓

Camera

Front camera	✓
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
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

Processor special features

Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Intel Clear Video Technology	✓
Intel® InTru™ 3D Technology	✓
Intel® Quick Sync Video Technology	✓
Intel Flex Memory Access	✓
Intel® AES New Instructions (Intel® AES-NI)	✓
Intel Trusted Execution Technology	✓
Intel Enhanced Halt State	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Intel® Secure Key	✓
Intel TSX-NI	✓
Intel Stable Image Platform Program (SIPP)	✓
Intel® OS Guard	✓
Intel Software Guard Extensions (Intel SGX)	✓
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Intel 64	✓
Execute Disable Bit	✓
Idle States	✓
Thermal Monitoring Technologies	✓
Processor package size	42 X 24 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR3L9
CPU configuration (max)	1
Embedded options available	✗
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	1.00
Intel Secure Key Technology version	1.00
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✓
Processor ARK ID	124969
Conflict-Free processor	✓

Battery

Battery technology	Lithium-Ion (Li-Ion)

Security

Cable lock slot	✓
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	HDD, Power on, Supervisor

Weight & dimensions

Width	336.6 mm
Depth	232.5 mm
Height	19.9 mm

Ports & interfaces

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

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