

**upcycle it Lenovo ThinkPad T480 (Refurbished) Grade A Laptop
35.6 cm (14") Full HD Intel® Core™ i5 i5-8250U 8 GB DDR4-SDRAM
256 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Pro Black**

Brand : upcycle it

Product code: LAP-T480-MX-A014

Product name : Lenovo ThinkPad T480 (Refurbished)
Grade A



upcycle it Lenovo ThinkPad T480 (Refurbished) Grade A. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8250U, Processor frequency: 1.6 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® UHD Graphics 620. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Form factor *	Clamshell	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Market positioning	Business	Ethernet LAN (RJ-45) ports	1
Refurbished	✓	HDMI ports quantity *	1
Refurbished grade	Grade A	HDMI version	1.4b
Display		Combo headphone/mic port	✓
Display diagonal *	35.6 cm (14")	Docking connector	✓
Display resolution *	1920 x 1080 pixels	USB Sleep-and-Charge	✓
HD type	Full HD	USB Sleep-and-Charge ports	1
LED backlight	✓	Keyboard	
Native aspect ratio	16:9	Pointing device	ThinkPad UltraNav
Processor		Keyboard language	Nordic
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor generation	8th gen Intel® Core™ i5	Spill-resistant keyboard	✓
Processor family *	Intel® Core™ i5	Software	
Processor model *	i5-8250U	Operating system architecture	64-bit
Processor frequency *	1.6 GHz	Operating system installed *	Windows 11 Pro
Processor boost frequency	3.4 GHz	Processor special features	
Processor cores	4	Enhanced Intel SpeedStep Technology	✓
Processor cache	6 MB	Intel Clear Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Bus type	OPI	Intel Trusted Execution Technology	✗
Configurable TDP-up frequency	2 GHz	Intel Enhanced Halt State	✓
Configurable TDP-up	25 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	10 W	Intel TSX-NI	✗
Configurable TDP-down frequency	0.8 GHz	Intel Stable Image Platform Program (SIPP)	✗
Memory			
Internal memory *	8 GB		
Internal memory type	DDR4-SDRAM		
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM		

Memory		Processor special features	
Maximum internal memory *	32 GB	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel 64	✓
Total storage capacity *	256 GB	Execute Disable Bit	✓
Storage media *	SSD	Idle States	✓
Total SSDs capacity	256 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
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 Secure Key Technology version	1.00
Graphics		Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board GPU manufacturer	Intel	Conflict-Free processor	✓
On-board graphics card family	Intel® UHD Graphics	Battery	
On-board graphics card model *	Intel® UHD Graphics 620	Battery technology	Lithium-Ion (Li-Ion)
Audio		Security	
Audio system	Dolby Audio Premium	Cable lock slot	✓
Number of built-in speakers	2	Trusted Platform Module (TPM)	✓
Speaker power	2 W	Password protection	✓
Built-in microphone	✓	Password protection type	HDD, Power on, Supervisor
Camera		Certificates	
Front camera	✓	Certification	MIL-STD-810G
Front camera resolution	1280 x 720 pixels	Weight & dimensions	
Front camera HD type	HD	Width	329 mm
Network		Depth	227 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Height	17.9 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Weight *	1.55 kg
Mobile network connection *	✓		
Antenna type	2x2		
WLAN controller model	Intel Dual Band Wireless-AC 8265		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
WWAN	Installed		

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