## upcycle it Lenovo ThinkPad L580 (Refurbished) Grade A Laptop 39.6 cm (15.6") Full HD Intel® Core™ i5 i5-8250U 16 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Pro Black

**Brand**: upcycle it **Product code**: LAP-L580-MX-A003

Product name: Lenovo ThinkPad L580 (Refurbished)

Grade A

upcycle it Lenovo ThinkPad L580 (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: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 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		Network	
Product type * Product colour * Form factor *	Laptop Black Clamshell	Ethernet LAN data rates Bluetooth WWAN	10,100,1000 Mbit/s ✓ Upgradable
Market positioning	Business	Ports & interfaces	
Refurbished Refurbished grade	✓ Grade A	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		USB 3.2 Gen 1 (3.1 Gen 1) Type-C	2
Display diagonal * Display resolution * Touchscreen * HD type Panel type LED backlight Native aspect ratio Anti-glare screen	39.6 cm (15.6") 1920 x 1080 pixels	ports quantity * Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Microphone in Combo headphone/mic port Docking connector USB Sleep-and-Charge USB Sleep-and-Charge ports	1 1.4b  X ✓ ✓ 1
Processor		Keyboard	
Processor manufacturer * Processor generation Processor family * Processor model *	Intel 8th gen Intel® Core™ i5 Intel® Core™ i5 i5-8250U	Pointing device Keyboard language Numeric keypad * Spill-resistant keyboard	ThinkPad UltraNav Nordic ✓
Processor frequency * Processor boost frequency	1.6 GHz 3.4 GHz	Software	
Processor cores Processor cache	4 6 MB	Operating system architecture Operating system installed *	64-bit Windows 11 Pro
Processor cache type	Smart Cache OPI	Processor special features	
Bus type Configurable TDP-up frequency Configurable TDP-up Configurable TDP-down	1.8 GHz 25 W 10 W 0.8 GHz	Enhanced Intel SpeedStep Technology Intel Clear Video Technology Intel Flex Memory Access	1 1 1
Configurable TDP-down frequency	0.8 GHZ	Intel Trusted Execution Technology	X
Memory Internal memory *	16 GB	Intel Enhanced Halt State Intel VT-x with Extended Page Tables (EPT)	1
Internal memory type	DDR4-SDRAM	Intel TSX-NI	×
Memory clock speed Memory form factor Memory slots Maximum internal memory *	2400 MHz SO-DIMM 2x SO-DIMM 32 GB	Intel Stable Image Platform Program (SIPP)	**
		Intel Software Guard Extensions (Intel SGX)	✓
		Intel 64	✓

Storage		Processor special features	
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 Optical drive type *	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated Compatible memory cards	✓ MicroSD (TransFlash)	Intel Identity Protection Technology version	1.00
Graphics	MICIOSD (TIGHSHASH)	Intel Smart Response Technology version	1.00
Discrete graphics card model *	Not available	Intel Secure Key Technology version	1.00
On-board graphics card *	✓	Intel TSX-NI version	0.00
On-board GPU manufacturer	Intel	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	X	Conflict-Free processor	✓
On-board graphics card family On-board graphics card model *	Intel® UHD Graphics Intel® UHD Graphics 620	Security	
Audio		Cable lock slot	<b>✓</b>
Audio system	Dolby Audio	Trusted Platform Module (TPM)	<b>V</b>
Number of built-in speakers	2	Password protection	VIDD Brown Committee
Speaker power	2 W	Password protection type	HDD, Power on, Supervisor
Built-in microphone	✓	Weight & dimensions	
Camera		Width	381 mm
Front camera	1	Depth Height	259.1 mm 22.9 mm
Network		Weight *	2.13 kg
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	-	-
Wi-Fi standards	Wi-Fi 5 (802.11ac)		
Mobile network connection *	×		
Ethernet LAN	✓		

