



Lenovo ThinkPad T16 Intel Core Ultra 5 125U Laptop 40.6 cm (16") 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21MN004YUK

Product name : T16

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 125U (12MB Cache)
- 40.6 cm (16") 1920 x 1200 IPS
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD

Intel Core Ultra 5 125U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") 1920 x 1200 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

Lenovo ThinkPad T16. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125U. Display diagonal: 40.6 cm (16"), Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.66 kg



Design		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Black	Front camera resolution (numeric)	5 MP
Form factor *	Clamshell	Infrared (IR) camera	✓
Display		Privacy camera	✓
Display diagonal *	40.6 cm (16")	Privacy type	Privacy shutter
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS	Wi-Fi standards	Wi-Fi 6E (802.11ax)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Display brightness	400 cd/m ²	WLAN controller manufacturer	Intel
RGB colour space	sRGB	Ethernet LAN	✓
Colour gamut	100%	Ethernet LAN data rates	1000,100 Mbit/s
Contrast ratio (typical)	1000:1	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Near Field Communication (NFC)	✗
Processor family *	Intel Core Ultra 5	WWAN	Upgradable
Processor generation	Intel Core Ultra (Series 1)	Ports & interfaces	
Processor model *	125U	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	12	Ethernet LAN (RJ-45) ports	1
Processor threads	14	HDMI ports quantity *	1
Processor boost frequency	4.3 GHz	HDMI version	2.1
Performance cores	2	Thunderbolt 4 ports quantity	2
Efficient cores	8	Intel® Thunderbolt 4	✓
Low Power Efficient-cores	2	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.3 GHz	USB Type-C DisplayPort Alternate Mode	✓

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3.6 GHz	USB Power Delivery	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	USB Sleep-and-Charge	✓
Performance-core base frequency	1.3 GHz	USB Sleep-and-Charge ports	1
Efficient-core base frequency	0.8 GHz	Performance	
Low Power Efficient-core Base Frequency	700 MHz	Motherboard chipset	Intel SoC
Processor cache	12 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	ThinkPad UltraNav
Processor base power	15 W	Keyboard language	English
Maximum turbo power	57 W	Numeric keypad *	✓
Neural processor unit (NPU)		Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Spill-resistant keyboard	✓
Maximum frequency NPU	1.4 GHz	Software	
Sparsity support	✓	Operating system architecture	64-bit
Windows Studio effects support	✓	Operating system language	English
AI datatype support on NPU	FP16, FP32, Int8	Operating system installed *	Windows 11 Pro
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery	
Memory		Battery technology	Lithium Polymer (LiPo)
Internal memory *	16 GB	Battery capacity *	52.5 Wh
Internal memory type	DDR5-SDRAM	Fast charging	✓
Memory clock speed	5600 MHz	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	2 x 8 GB	AC adapter frequency	50/60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	64 GB	Security	
Memory channels	Dual-channel	Cable lock slot	✓
Storage		Cable lock slot type	Kensington
Total storage capacity *	512 GB	Fingerprint reader	✓
Storage media *	SSD	Smart card reader	✓
Total SSDs capacity	512 GB	Windows Hello	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Password protection	✓
NVMe	✓	Password protection type	BIOS, HDD, Power on, SSD, Supervisor
SSD form factor	M.2	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	5 - 35 °C
Card reader integrated	✗	Storage temperature (T-T)	5 - 43 °C
Graphics		Operating relative humidity (H-H)	8 - 95%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	5 - 95%
On-board graphics card *	✓	Maximum shipping altitude	3048 m
On-board GPU manufacturer	Intel	Certificates	
Discrete graphics card *	✗	Certification	ENERGY STAR 8.0 EPEAT Gold Registered ErP Lot 6/26 RoHS compliant TCO Certified 9.0 MIL-STD-810H
On-board graphics card model *	Intel Graphics	Sustainability	
Audio		Sustainability compliance	✓
Audio chip	Realtek ALC3287	Weight & dimensions	
Audio system	Dolby Audio	Width	359.7 mm
Number of built-in speakers	2	Depth	250.8 mm
Speaker power	2 W	Height	19.6 mm
Built-in microphone	✓	Weight *	1.66 kg
Number of microphones	2		



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