



**Lenovo ThinkPad L16 Gen 2 (Intel) Intel Core Ultra 7 255U Laptop
40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E
(802.11ax) Windows 11 Pro Black**

Brand : Lenovo

Product family: ThinkPad

Product code: 21SA0028US

Product name : ThinkPad L16
Gen 2 (Intel)

- Intel Core Ultra 7 255U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 5.2GHz, 12MB Intel Smart Cache
- 16" WUXGA (1920x1200) IPS 400nits 45% NTSC 60Hz
- 1x 32GB SODIMM DDR5-5600
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Intel Graphics
- Windows 11 Pro

Intel Core Ultra 7 255U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 5.2GHz, 12MB Intel Smart Cache, 1x 32GB SODIMM DDR5-5600, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 400nits 45% NTSC 60Hz, Intel Graphics, Intel Wi-Fi 6E AX211 802.11ax 2x2 + BT5.3, Windows 11 Pro



Design		Graphics	
Product type *	Laptop	On-board graphics card family	Intel® Graphics
Product colour *	Black	On-board graphics card model *	Intel® Graphics
Form factor *	Clamshell	Audio	
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Audio chip	Senary SN6147
Display		Number of built-in speakers	2
Display diagonal *	40.6 cm (16")	Speaker power	2 W
Display resolution *	1920 x 1200 pixels	Built-in microphone	✓
Touchscreen *	✗	Number of microphones	2
HD type	WUXGA	Camera	
Panel type	IPS	Front camera	✓
LED backlight	✓	Front camera resolution	1280 x 720 pixels
Native aspect ratio	16:10	Front camera HD type	HD
Anti-glare screen	✓	Privacy camera	✓
Display brightness	400 cd/m²	Privacy type	Privacy shutter
RGB colour space	NTSC	Network	
Colour gamut	45%	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum refresh rate	60 Hz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	Antenna type	2x2
Processor family *	Intel Core Ultra 7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	Intel Core Ultra (Series 2)	WLAN controller manufacturer	Intel
Processor model *	255U	Ethernet LAN	✓
Processor cores	12	Ethernet LAN data rates	100,1000 Mbit/s
Processor threads	14	Bluetooth	✓
Processor boost frequency	5.2 GHz	Bluetooth version	5.3
Performance cores	2	Near Field Communication (NFC)	✗
Efficient cores	8	WWAN	Not installed

Processor		Ports & interfaces	
Low Power Efficient-cores	2	USB 2.0 ports quantity *	1
Performance-core Max Turbo Frequency	5.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Efficient-core Max Turbo Frequency	4.2 GHz	Ethernet LAN (RJ-45) ports	1
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	HDMI ports quantity *	1
Performance-core base frequency	2 GHz	HDMI version	2.1
Efficient-core base frequency	1.7 GHz	Thunderbolt 4 ports quantity	2
Low Power Efficient-core Base Frequency	700 MHz	Intel® Thunderbolt 4	✓
Processor cache	12 MB	Combo headphone/mic port	✓
Processor base power	15 W	USB Sleep-and-Charge	✓
Maximum turbo power	57 W	Performance	
Neural processor unit (NPU)		Motherboard chipset	Intel SoC
Neural processor unit (NPU)	Intel AI Boost	Keyboard	
Sparsity support	✓	Pointing device	ThinkPad UltraNav
Windows Studio effects support	✓	Numeric keypad *	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Keyboard backlit	✗
Memory		Software	
Internal memory *	32 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Pro
Memory clock speed	5600 MHz	Battery	
Memory form factor	SO-DIMM	Battery capacity *	57 Wh
Memory layout (slots x size)	1 x 32 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	65 W
Maximum internal memory *	64 GB	USB Type-C charging port *	✓
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Kensington
Number of SSDs installed	1	Fingerprint reader	✗
SSD capacity	512 GB	Smart card reader	✗
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Certificates	
Optical drive type *	✗	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Card reader integrated	✗	Weight & dimensions	
Graphics		Width	357.2 mm
Discrete graphics card model *	Not available	Depth	253.4 mm
On-board graphics card *	✓	Height (front)	1.1 cm
On-board GPU manufacturer	Intel	Height (rear)	1.97 cm
Discrete graphics card *	✗	Weight *	1.79 kg
		Packaging content	
		AC adapter included *	✓



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