



Lenovo ThinkPad L16 Gen 2 (AMD) Copilot+ PC AMD Ryzen™ AI 5 340 Laptop 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro English Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21RH001GPB

Product name : ThinkPad L16 Gen 2 (AMD)



- AMD Ryzen AI 5 PRO 340 (6C/12T, 2.0 /4.8GHz, 6MB L2/16MB L3)
- 16" WUXGA (1920x1200) IPS 400nits 45% NTSC 60Hz
- 1x 32GB SO-DIMM DDR5-5600
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- AMD Radeon 840M Graphics
- Windows 11 Pro

AMD Ryzen AI 5 PRO 340 (6C/12T, 2.0 /4.8GHz, 6MB L2/16MB L3), 1x 32GB SO-DIMM DDR5-5600, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 400nits 45% NTSC 60Hz, AMD Radeon 840M Graphics, MediaTek Wi-Fi 7 MT7925 802.11be 2x2 + BT5.4, 5.0MP + IR Discrete with Privacy Shutter, Windows 11 Pro



Design		Camera	
Product type *	Laptop	Front camera resolution (numeric)	5 MP
Product colour *	Black	Infrared (IR) camera	✓
Form factor *	Clamshell	Privacy camera	✓
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 7 (802.11be)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WUXGA	Antenna type	2x2
Panel type	IPS	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	100,1000 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.4
Display brightness	400 cd/m²	Near Field Communication (NFC)	✗
RGB colour space	NTSC	WWAN	Upgradable
Colour gamut	45%	Ports & interfaces	
Maximum refresh rate	60 Hz	USB 2.0 ports quantity *	1
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports	1
Processor family *	AMD Ryzen™ AI 5	HDMI ports quantity *	1
Processor generation	AMD Ryzen AI 300 Series	HDMI version	2.1
Processor model *	340	Thunderbolt 4 ports quantity	2
Processor cores	6	Intel® Thunderbolt 4	✓
Processor threads	12	Combo headphone/mic port	✓
Processor boost frequency	4.8 GHz	USB Sleep-and-Charge	✓
Processor frequency *	2 GHz		
Processor cache	16 MB		

Processor		Performance	
Processor cache type	L3	Motherboard chipset	AMD SoC
Processor base power	28 W	Keyboard	
Neural processor unit (NPU)		Pointing device	ThinkPad UltraNav
Copilot+ PC	✓	Numeric keypad *	✓
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit	✓
Total processor performance up to	59 TOPs	Keyboard language	English
NPU performance up to	50 TOPs	Copilot key	✓
Memory		Software	
Internal memory *	32 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Operating system language	Polish, English
Memory clock speed	5600 MHz	Microsoft Copilot	✓
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Pro
Memory layout (slots x size)	1 x 32 GB	Bundled software	Lenovo AI Now
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	Battery capacity *	57 Wh
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Smart card reader	✓
Optical drive type *	✗	Windows Hello	✓
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✗	Width	357.2 mm
On-board graphics card family	AMD Radeon	Depth	253.4 mm
On-board graphics card model *	AMD Radeon 840M	Height (front)	1.1 cm
Audio		Height (rear)	1.97 cm
Audio chip	Realtek ALC3287	Weight *	1.79 kg
Number of built-in speakers	2	Packaging content	
Speaker power	2 W	AC adapter included *	✓
Built-in microphone	✓		
Number of microphones	2		



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