



Lenovo ThinkPad E16 Gen 3 (Intel) Copilot+ PC Intel Core Ultra 7 258V Laptop 40.6 cm (16") WUXGA 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black English

Brand : Lenovo

Product family: ThinkPad

Product code: 22AY0079MH

Product name : ThinkPad E16
Gen 3 (Intel) Copilot+ PC



- Intel Core Ultra 7 258V, 8C (4P + 4LPE)/8T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache
- 16" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz
- 32GB LPDDR5X-8533, MoP Memory
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
- Intel Arc Graphics 140V
- Windows 11 Pro

Intel Core Ultra 7 258V, 8C (4P + 4LPE)/8T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache, 32GB LPDDR5X-8533, MoP Memory, 512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz, Intel Arc Graphics 140V, Intel Wi-Fi 6E AX211 802.11ax 2x2 + BT5.3, Windows 11 Pro



Design		Network	
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium	WLAN controller model	Intel Wi-Fi 6E AX211
Display back cover material	Aluminium	WLAN controller manufacturer	Intel
Display		Ethernet LAN	✓
Display diagonal *	40.6 cm (16")	Ethernet LAN data rates	100,1000 Mbit/s
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	WUXGA	Near Field Communication (NFC)	✗
Panel type	IPS	WWAN	Not installed
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Display brightness	300 cd/m²	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Maximum refresh rate	60 Hz	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel Core Ultra 7	USB Sleep-and-Charge	✓
Processor model *	258V	Performance	
Processor cores	8	Motherboard chipset	Intel SoC
Processor threads	8	Keyboard	
Neural processor unit (NPU)		Pointing device	ThinkPad UltraNav
Copilot+ PC	✓		

Memory		Keyboard	
Internal memory *	32 GB	Numeric keypad *	✓
Internal memory type	LPDDR5x-SDRAM	Keyboard backlit	✓
Memory clock speed	8533 MHz	Keyboard language	English
Memory form factor	On-board	Copilot key	✓
Maximum internal memory *	32 GB	Software	
Storage		Operating system language	English, French, German, Dutch, Italian
Total storage capacity *	512 GB	Microsoft Copilot	✓
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	512 GB	Bundled software	Lenovo AI Now
Number of SSDs installed	1	Battery	
SSD capacity	512 GB	Battery capacity *	64 Wh
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	65 W
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Type-C required charging power (min) *	45 W
Card reader integrated	✗	USB Type-C required charging power (max) *	65 W
Graphics		USB Power Delivery (USB PD)	✓
Discrete graphics card model *	Not available	Security	
On-board graphics card *	✓	Cable lock slot	✓
On-board GPU manufacturer	Intel	Cable lock slot type	Kensington
Discrete graphics card *	✗	Fingerprint reader	✓
On-board graphics card family	Intel Arc Graphics	Smart card reader	✗
On-board graphics card model *	Intel Arc Graphics 140V	Windows Hello	✓
Audio		Trusted Platform Module (TPM)	✓
Audio chip	Senary SN6147	Trusted Platform Module (TPM) version	2.0
Number of built-in speakers	2	Certificates	
Speaker power	2 W	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Built-in microphone	✓	Weight & dimensions	
Number of microphones	2	Width	356 mm
Camera		Depth	249 mm
Front camera	✓	Height (front)	1.01 cm
Front camera resolution	1920 x 1080 pixels	Height (rear)	1.71 cm
Front camera HD type	Full HD	Weight *	1.61 kg
Infrared (IR) camera	✓	Packaging content	
Privacy camera	✓	AC adapter included *	✓
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		



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