



Lenovo ThinkPad E16 Gen 3 (AMD) Copilot+ PC AMD Ryzen™ 7 250 Laptop 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro English Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21ST005XMH

Product name : ThinkPad E16 Gen 3 (AMD)



- Windows 11 Pro 64-bit
- AMD Ryzen 7 250 (3.3GHz)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS
- 32GB (5600MHz) DDR5-SDRAM (1 x 32) & 256GB SSD

AMD Ryzen 7 250 (3.3GHz), 32GB DDR5-SDRAM, 256GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, AMD Radeon 780M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

Lenovo ThinkPad E16 Gen 3 (AMD). Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 250, Processor frequency: 3.3 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Network	
Colour name	Black	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✓
Housing material	Aluminium	Ethernet LAN data rates	100,1000 Mbit/s
Display back cover material	Aluminium	Bluetooth	✓
Certified refurbished	✗	Bluetooth version	5.3
Display		Near Field Communication (NFC)	✗
Display diagonal *	40.6 cm (16")	WWAN	Not installed
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
LED backlight	✓	USB4 Gen 3x2 ports quantity	1
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m²	HDMI version	2.1
RGB colour space	NTSC	Combo headphone/mic port	✓
Colour gamut	45%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	60 Hz	USB Sleep-and-Charge	✓
Contrast ratio (typical)	800:1	USB Sleep-and-Charge ports	1
Processor		Performance	
Processor manufacturer *	AMD	Motherboard chipset	AMD SoC
Processor family *	AMD Ryzen™ 7		
Processor generation	AMD Ryzen 200 Series		
Processor model *	250		
Processor cores	8		

Processor		Keyboard	
Processor threads	16	Pointing device	ThinkPad UltraNav
Processor boost frequency	5.1 GHz	Numeric keypad *	✓
Processor frequency *	3.3 GHz	Keyboard backlit	✓
Processor cache type	L2 & L3	Spill-resistant keyboard	✓
L3 cache	16 MB	Keyboard language	English
L2 cache	8 MB	Copilot key	✓
Processor base power	28 W		
Neural processor unit (NPU)		Software	
Copilot+ PC	✓	Operating system architecture	64-bit
Neural processor unit (NPU)	AMD Ryzen AI	Operating system language	English, French, German, Dutch, Italian
Total processor performance up to	38 TOPs	Operating system installed *	Windows 11 Pro
NPU performance up to	16 TOPs	Bundled software	Lenovo AI Now
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR5-SDRAM	Battery capacity *	64 Wh
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM	Power	
Memory layout (slots x size)	1 x 32 GB	AC adapter power	65 W
Memory slots	2x SO-DIMM	AC adapter frequency	50/60 Hz
Maximum internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Memory channels	Single-channel	USB Type-C charging port *	✓
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	256 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	256 GB	Cable lock slot type	Kensington
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	256 GB	Smart card reader	✗
SSD interface	PCI Express 4.0	Windows Hello	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Password protection	✓
Card reader integrated	✗	Password protection type	BIOS, Power on, Supervisor
Graphics		Operational conditions	
Discrete graphics card model *	Not available	Operating temperature (T-T)	5 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	5 - 43 °C
On-board GPU manufacturer	AMD	Operating relative humidity (H-H)	8 - 95%
Discrete graphics card *	✗	Storage relative humidity (H-H)	5 - 95%
On-board graphics card family	AMD Radeon	Maximum shipping altitude	3048 m
On-board graphics card model *	AMD Radeon 780M		
Audio		Certificates	
Audio chip	Senary SN6147	Compliance certificates	RoHS
Audio system	Dolby Atmos	Certification	ErP Lot 6/26 TCO Certified 10.0 MIL-STD-810H TÜV Rheinland Low Blue Light (Software Solution)
Number of built-in speakers	2		
Speakers manufacturer	Harman Kardon	Sustainability	
Speaker power	2 W	Sustainability certificates	ENERGY STAR, EPEAT Gold
Built-in microphone	✓		
Number of microphones	2	Weight & dimensions	
Camera		Width	356 mm
Front camera	✓	Depth	249 mm
Front camera resolution	1920 x 1080 pixels	Height (front)	1.01 cm
Front camera HD type	Full HD	Height (rear)	1.71 cm
Infrared (IR) camera	✓	Weight *	1.71 kg
Privacy camera	✓		
Privacy type	Privacy shutter	Packaging content	
Network		AC adapter included *	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		



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