

Lenovo ThinkPad E16 Gen 3 (21ST005XMB)

Lenovo ThinkPad E16 Gen 3 21ST - AI PC - 180-degree hinge design - AMD Ryzen 7 - 250 / up to 5.1 GHz - Win 11 Pro - Radeon 780M - 32 GB RAM - 1 TB SSD TCG Opal Encryption 2, NVMe - 16" IPS 1920 x 1200 - Gigabit Ethernet - Wi-Fi 6E, Bluetooth - black - kbd: Belgium - with 2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)



The Lenovo ThinkPad E16 Gen 3 combines powerful performance with impressive features for professionals and students. With a 16-inch WUXGA display featuring anti-glare and Low Blue Light technology, this notebook delivers clear visuals while protecting your eyes during extended use. The AMD Ryzen 7 processor, along with 8 cores and a clock speed of up to 5.1 GHz, ensures smooth multitasking and efficient handling of demanding applications. Equipped with 16 GB of DDR5 RAM and fast SSD storage, users can experience quick data processing and ample space for essential files. Audio quality is enhanced by integrated Harman microphones and stereo speakers for an immersive sound experience. Security features such as a discrete Trusted Platform Module (TPM 2.0) chip provide peace of mind when handling sensitive information. Connectivity options include multiple USB ports, HDMI output, and USB-C capability, while the laptop's durable aluminum chassis provides a reliable build for everyday use.

Key Selling Points

- 16-inch WUXGA display with anti-glare and Low Blue Light technology
- Powerful AMD Ryzen 7 processor with 8 cores and up to 5.1 GHz clock speed
- Integrated Harman audio technology and Dolby Atmos for enhanced sound quality
- Ample connectivity options including USB-C and HDMI
- Security features including private shutter camera and TPM 2.0 chip

Product Features

High-quality display

The 16-inch WUXGA display offers a native resolution of 1920 x 1200 with a brightness of 300 cd/m2, providing clear and vibrant visuals.

Robust performance

Powered by an AMD Ryzen 7 processor, this notebook features 8 cores and a maximum turbo speed of 5.1 GHz, ensuring efficient and responsive computing.

Enhanced audio experience

The incorporation of Harman audio technology and Dolby Atmos, combined with stereo speakers, delivers an immersive audio environment for video calls and media.

Versatile connectivity

With several USB ports, including USB 3.2 Gen 2 and USB-C compatibility, along with HDMI output, users can easily connect to various devices and peripherals.

Secure design

The ThinkPad E16 Gen 3 features a discrete Trusted Platform Module (TPM 2.0) security chip, enhancing data protection for sensitive information.

Main Specifications

Product Description	Lenovo ThinkPad E16 Gen 3 - AI PC - 16" - AMD Ryzen 7 - 250 - 32 GB RAM - 1 TB SSD - Belgium
Product Type	Notebook - AI PC - 180-degree hinge design
Operating System	Win 11 Pro - Dutch / English / French / German / Italian
Processor	AMD Ryzen 7 250 / 3.3 GHz, up to 5.1 GHz / 16 MB Cache
Neural Processor Unit (NPU)	AMD Ryzen AI - up to 16 TOPS
Memory	32 GB DDR5 (1 x 32 GB)
Storage	1 TB SSD - TCG Opal Encryption 2, NVMe
Display	16" 1920 x 1200 / WUXGA
Graphics	AMD Radeon 780M
Keyboard	Belgium
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3, Gigabit Ethernet
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Black
Dimensions (WxDxH)	35.6 cm x 24.9 cm x 2.115 cm

Weight	1.71 kg
Localisation	Language: English, German, French, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified EPEAT Gold
Manufacturer Warranty	Base warranty - 1 year - pick-up and return Limited warranty - battery - 1 year Extended warranty - 2 years - pick-up and return
Bundled Services	2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)

Extended Specification

General

Product Type	Notebook - 180-degree hinge design
AI Level	AI PC
Operating System	Windows 11 Pro - Dutch / English / French / German / Italian

Memory

RAM	32 GB (1 x 32 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	5600 MT/s
Rated Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Manufacturer Warranty

Service & Support	Base warranty - 1 year - pick-up and return Limited warranty - battery - 1 year Extended warranty - 2 years - pick-up and return
Bundled Services	2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)

Storage

Main Storage	1 TB SSD M.2 2242 PCIe 4.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe)
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Miscellaneous

Colour	Black
Case Material	Aluminium (top), aluminium (bottom)
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	MIL-STD-810H tested
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	USB-C power adapter
Compliant Standards	RoHS, Energy-Related Products (ErP) Lot 6, Energy-Related Products (ErP) Lot 26, TUV Rheinland Low Blue Light (Software Solution)
Localization	Language: English, German, French, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller

Software

Software Included	Lenovo AI Now
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Display

Type	16" - IPS
Resolution	1920 x 1200 (WUXGA)
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	300 cd/m ²
Colour Gamut	45% NTSC
Features	Anti-glare, Low Blue Light technology, 90.7% screen-to-body ratio

Battery

Technology	Lithium polymer
Capacity	64 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Network Interface	Gigabit Ethernet
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.6 cm x 24.9 cm x 2.115 cm
Weight	1.71 kg

Processor / Chipset

CPU	AMD Ryzen 7 250 / 3.3 GHz
Max Turbo Speed	5.1 GHz
Number of Cores	8-core
Cache	L3 - 16 MB
Features	Integrated memory controller

Audio & Video

Graphics Processor	AMD Radeon 780M
Camera	Yes - 1080p
Camera Features	Privacy shutter, Windows Hello, fixed focus, hybrid FHD/IR camera
Sound	Stereo speakers, dual array microphone
Codec	Senary SN6147
Compliant Standards	High Definition Audio, Dolby Atmos
Audio Features	Output: Harman audio technology

Input

Type	Keyboard
Keyboard Backlight	Yes
Keyboard Layout	Belgium
Numeric Keypad	Yes

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 watt

Connections & Expansion

Slots	1 x M.2 (PCI Express 4.0 x4) (1 available)
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Interfaces Details

USB 3.2 Gen 1 † USB 3.2 Gen 2 (Always On) † USB-C 3.2 Gen 1 (supports DisplayPort 1.4 Alt Mode) (45-65W Power Delivery) † USB4 (supports DisplayPort 1.4a Alt Mode) (45-65W Power Delivery) † HDMI (4K support) † Headphone/microphone combo jack (mini-phone 3.5 mm) † LAN (RJ-45)

Sustainability Information

TCO Certified	- TCO Certified, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	AMD Ryzen AI
NPU Performance Up To (TOPS)	16 TOPS
Total Processor Performance Up To (TOPS)	38 TOPS

What's in the box

Lenovo ThinkPad E16 Gen 3 21ST

USB-C power adapter

*TD SYNEX is not responsible for errors in the documentation of products.