

## Lenovo ThinkPad E14 Gen 7 (21SX0072MB)

Lenovo ThinkPad E14 Gen 7 21SX - 180-degree hinge design - Intel Core Ultra 7 - 255H / up to 5.1 GHz - Win 11 Pro - Arc Graphics 140T - 32 GB RAM - 1 TB SSD TCG Opal Encryption 2, NVMe - 14" IPS 1920 x 1200 - Wi-Fi 6E, Bluetooth - black - kbd: Belgium - with 2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)



The Lenovo ThinkPad E14 Gen 7 combines performance and portability, making it a choice for professionals on the go. With a powerful Intel Core Ultra 7 processor capable of reaching speeds of 5.1 GHz, this notebook ensures smooth multitasking and demanding applications can be handled with ease. The vibrant 14-inch IPS display with a 16:10 aspect ratio provides an immersive viewing experience while reducing glare, making it ideal for both work and play. Equipped with audio features such as Dolby Atmos and Harman sound quality, enhancing video calls and entertainment. The device also incorporates security measures including a fingerprint reader and a privacy shutter for the webcam. Designed for connectivity, it includes multiple USB-C ports, Thunderbolt 4, and Wi-Fi 6E support, ensuring communication and efficient data transfer.

## Key Selling Points

- Intel Core Ultra 7 processor with 16 cores
- 14-inch IPS display with anti-glare and narrow bezels
- Audio experience with Dolby Atmos and Harman technology
- Security features including a fingerprint reader
- Multiple connectivity options with USB-C and Thunderbolt

## Product Features

### Performance

Featuring an Intel Core Ultra 7 processor with a maximum turbo speed of 5.1 GHz, the Lenovo ThinkPad E14 Gen 7 provides robust performance for a variety of tasks. With 16 cores, it efficiently handles multitasking, making it suitable for both professional and personal use.

### Display

The 14-inch display equipped with IPS technology offers rich colors and wide viewing angles. The 16:10 aspect ratio and anti-glare feature enhance user experience, making it an ideal choice for both work presentations and entertainment.

### Audio Quality

This laptop features high definition audio compliant with Dolby Atmos and Harman audio technology. The dual array microphone and stereo speakers ensure clear sound quality for effective video conferencing and immersive multimedia experiences.

### Security

Security features include a fingerprint reader for quick access and a privacy shutter for the webcam. Combined with a Discrete Trusted Platform Module (TPM 2.0) chip, these elements enhance data protection and user privacy.

### Connectivity

The ThinkPad E14 Gen 7 offers multiple USB-C ports, including support for Thunderbolt 4, allowing fast data transfer and connectivity with various devices. With the addition of Wi-Fi 6E, users can enjoy faster Internet connections and improved wireless capabilities.

## Main Specifications

Product Description	Lenovo ThinkPad E14 Gen 7 - AI PC - 14" - Intel Core Ultra 7 - 255H - 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	Intel Core Ultra 7 (Series 2) - 255H up to 5.1 GHz / 24 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 13 TOPS
Memory	32 GB DDR5 (1 x 32 GB)
Storage	1 TB SSD - TCG Opal Encryption 2, NVMe
Display	14" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Intel Arc Graphics 140T - up to 74 TOPS
Keyboard	Belgium
Keyboard Backlight	Yes
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Black
Dimensions (WxDxH)	31.3 cm x 22.03 cm x 1.97 cm

Weight	1.34 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 † Base 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	2800 MHz
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 † Base 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
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	14" - IPS
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Resolution	1920 x 1200 (WUXGA)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	300 cd/m <sup>2</sup>
Colour Gamut	45% NTSC
Features	Anti-glare, Low Blue Light technology

## Battery

Technology	Lithium polymer
Capacity	64 Wh

## Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	Intel Wi-Fi 6E AX 211
Features	Dual stream (2x2)

## Dimensions & Weight

Dimensions (WxDxH)	31.3 cm x 22.03 cm x 1.97 cm
Weight	1.34 kg

## Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 255H
Max Turbo Speed	5.1 GHz
Number of Cores	16-core
Performance Cores	6
Efficient Cores	10
Cache	24 MB
Features	Integrated memory controller

## Audio & Video

Graphics Processor	Intel Arc Graphics 140T - up to 74 TOPS
Video System Features	Functions as Intel graphics (for single-channel memory)
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

## 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)
Interfaces Details	USB 3.2 Gen 1   USB 3.2 Gen 2 (Always On)   USB-C 3.2 Gen 2x2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery 3.1)   USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery 3.1)   HDMI   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)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS
Total Processor Performance Up To (TOPS)	96 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

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