

## Lenovo(21M5002UMB)

**Lenovo ThinkPad E16 Gen 2 21M5 - 180-degree hinge design - AMD Ryzen 5 - 7535HS / up to 4.55 GHz - Win 11 Pro - Radeon 660M - 16 GB RAM - 512 GB 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**



The Lenovo ThinkPad E16 Gen 2 is designed for performance and flexibility, making it an ideal choice for professionals on the go. With a 16-inch anti-glare IPS display, the device delivers vibrant visuals that are easy to view in any lighting condition. The laptop integrates powerful audio features, including Harman audio technology and Dolby Atmos, ensuring an immersive sound experience for video conferencing and multimedia consumption. Built with a durable aluminum case, it also includes a privacy shutter for the webcam, enhancing user security and privacy.

Equipped with dual array microphones and stereo speakers, the ThinkPad E16 Gen 2 supports high-definition audio standards. With various connectivity options, this notebook provides versatile solutions for both personal and professional use. Additionally, the spill-resistant keyboard and backlit features ensure usability in various environments, making it a solid choice for productivity without compromising style.

## Key Selling Points

- 16-inch anti-glare IPS display for clear visuals
- Integrated Harman audio technology with Dolby Atmos support
- Privacy shutter for enhanced security
- Durable aluminum case design

## Product Features

### Robust audio capabilities

The audio system features dual array microphones and stereo speakers with Harman audio technology, delivering high-definition audio and an immersive experience enhanced by Dolby Atmos.

### Versatile connectivity options

Equipped with a variety of ports, this laptop ensures seamless integration with peripheral devices.

### Premium display experience

The 16-inch IPS display with a 16:10 aspect ratio offers a vibrant viewing experience with anti-glare technology, making it suitable for both work and entertainment.

### Enhanced security features

A privacy shutter on the webcam and a Discrete Trusted Platform Module (TPM 2.0) security chip offer advanced protection for sensitive information.

### Durable and ergonomic design

The spill-resistant keyboard and backlit features enhance usability, while the aluminum case assures durability suitable for professional demands.

## Main Specifications

Product Description	Lenovo ThinkPad E16 Gen 2 - 16" - AMD Ryzen 5 - 7535HS - 16 GB RAM - 512 GB SSD - Belgium
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - Dutch / English / French / German
Processor	AMD Ryzen 5 7535HS / 3.3 GHz, up to 4.55 GHz / 16 MB Cache
Memory	16 GB DDR5 (1 x 16 GB)
Storage	512 GB SSD - TCG Opal Encryption 2, NVMe
Display	16" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	AMD Radeon 660M
Input Device	TrackPoint, UltraNav
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)	35.61 cm x 24.77 cm x 1.985 cm
Weight	1.81 kg
Localisation	Language: English, French, German, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	195 kg carbon emissions (EU)
Manufacturer Warranty	Base warranty - 1 year - pick-up and return   Extended warranty - 2 years - pick-up and return
Bundled Services	2 Years Lenovo Depot Support

## Extended Specification

### General

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

### Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	2400 MHz
Rated Speed	2400 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   Extended warranty - 2 years - pick-up and return
Bundled Services	2 Years Lenovo Depot Support

### Storage

Main Storage	512 GB 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	NVMe password, power-on password, administrator password, system password, certificate based BIOS authentication, FIDO (Fast Identity Online) authentication, self-healing BIOS, RapidCharge, 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, TCO Certified 9.0, TCG Certified, FIPS 140-2, FSC, TUV Rheinland Low Blue Light (Software Solution)
Localization	Language: English, French, German, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller

#### Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 95%

#### Display

Type	16" - IPS
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>
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	45% NTSC
Features	Anti-glare, Low Blue Light technology

#### Battery

Technology	Lithium polymer
Capacity	57 Wh

#### Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	M.2 Card
Network Interface	Gigabit Ethernet
Ethernet Controller	Realtek RTL8111H-CG
Features	Wake-on-LAN (WOL), dual stream (2x2)

#### Dimensions & Weight

Dimensions (WxDxH)	35.61 cm x 24.77 cm x 1.985 cm
Weight	1.81 kg

#### Processor / Chipset

CPU	AMD Ryzen 5 7535HS / 3.3 GHz
Max Turbo Speed	4.55 GHz
Number of Cores	6-core
Cache	L3 - 16 MB
Features	Integrated memory controller

#### Audio & Video

Graphics Processor	AMD Radeon 660M
Max Monitors Supported	3 external monitor(s)
Video System Features	Direct X 12
Camera	Yes - 1080p
Camera Features	Privacy shutter, fixed focus, hybrid FHD/IR camera, Windows Hello, Temporal Noise Reduction
Sound	Stereo speakers, dual array microphone

Codec	Senary SN6141
Compliant Standards	High Definition Audio, Dolby Atmos
Audio Features	Output: Harman audio technology; Input: smart noise-cancelling

#### Input

Type	Keyboard, TrackPoint, UltraNav
Keyboard Backlight	Yes
Keyboard Layout	Belgium
Numeric Keypad	Yes
Features	Spill-resistant, multi-touch touchpad, Copilot key

#### 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 free)
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) (Power Delivery 3.0)   USB-C 3.2 Gen 2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery 3.0)   HDMI (4K support)   LAN   Headphone/microphone combo jack

#### Sustainability Information

TCO Certified	-
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	195 kg carbon emissions (EU)
Total CF/unit Standard Deviation (kg CO2e)	30
PAIA Version	1.4.3
Packaging Recycled Content	Plastic-free

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