# Lenovo ThinkPad E16 Gen 4 (AMD) Copilot+ PC AMD Ryzen™ AI 7 445 Laptop 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black German

Gamintojas: **LENOVO** · Modelis: **21Y4005QGE** · EAN: **199276446510** · Prekės kodas: **683498**



## 2 068,89 €

Kaina su PVM

Be PVM: **1 709,83 €**

**Sandėlyje**

**Prekė internetu**
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### Pagrindinės savybės

- ✓ AMD Ryzen AI 7 445 (6C/12T, 2.0/4.6GHz, 6MB L2/8MB L3)
- ✓ 16" WUXGA (1920x1200) IPS 400nits 45% NTSC 60Hz
- ✓ 2x 16GB SODIMM DDR5-5600
- ✓ 1TB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
- ✓ AMD Radeon 840M Graphics
- ✓ Windows 11 Pro



Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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## Aprašymas

**AI INTELLIGENCE & POWER**

**AI-Optimized Performance for Real Business Workflows**

Boost everyday business productivity with the 16” Lenovo ThinkPad E16 Gen 4 laptop driven by Intel® Core™ Ultra Series 3 processors. Smarter Copilot+ experiences and an advanced neural processing unit (NPU) enables faster, more efficient on-device AI — so you can multitask seamlessly, protect sensitive data, and get more done with less effort.

**COPILOT+ INTELLIGENCE**

**Streamline. Collaborate. Achieve More — Effortlessly.**

Copilot+ features are now optimized to deliver faster, more responsive experiences tailored to enhance your productivity. On-device AI helps you find information faster, enhance meetings with Windows Studio Effects and live captions, and generate content effortlessly — so everyday workflows get smoother — all running efficiently to amplify routine productivity.

## UNMATCHED CONNECTIVITY

Stay seamlessly connected in any professional environment with the E16 Gen 4 laptop. It features dual Thunderbolt™ ports, USB-A, HDMI®, ethernet port, and an audio jack, creating the ultimate productivity hub. Plus, advanced WiFi and Bluetooth® provide fast, reliable wireless connections, for consistent performance, anywhere you go.

**PROTECTION & PRIVACY**

**Security You Can Trust**

Enjoy round the clock protection with ThinkShield’s advanced security suite. Equipped with a discrete Trusted Platform Module (dTPM), it offers robust data encryption while optional Intel vPro® enables remote management for streamlined control. An optional power button-integrated fingerprint reader and infrared (IR) camera provide secure login.

**LONG-TERM DURABILITY**

**Ready for Real-World Challenges**

Engineered to withstand everyday bumps, travel and tough work environments, the E16 Gen 4 meets rigorous MIL-STD-810H standards and stringent quality checks to ensure smooth, consistent performance even under pressure.

**CREDIBILITY & COLLABORATION**

**Sustainability**

Our goal is to provide smarter technology that builds a brighter, more sustainable future for our customers, communities, and the planet. That's why we pursue industry leading labels and certifications that demonstrate our commitment to sustainability in product design. Together, we can build a smarter future for all.

Specifications may vary depending upon region / model.

## Techninė specifikacija

| Design | |
|---|---|
| Product type | Laptop |
| Product colour | Black |
| Form factor | Clamshell |

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| | |
|---|---|
| Housing material | Aluminium |
| Display back cover material | Aluminium |
| Stylus pen support | No |
| **Display** | |
| Display diagonal | 40.6 cm (16") |
| Display resolution | 1920 x 1200 pixels |
| Touchscreen | No |
| HD type | WUXGA |
| Panel type | IPS |
| LED backlight | Yes |
| Native aspect ratio | 16:10 |
| Anti-glare screen | Yes |
| Display brightness | 400 cd/m² |
| RGB colour space | NTSC |
| Colour gamut | 45% |
| Maximum refresh rate | 60 Hz |
| **Processor** | |
| Processor family | AMD Ryzen™ AI 7 |
| Processor manufacturer | AMD |
| Processor model | 445 |
| Processor frequency | 2 GHz |
| Processor cores | 6 |
| Processor threads | 12 |
| Processor boost frequency | 4.6 GHz |
| Processor cache type | L2 & L3 |
| L3 cache | 8 MB |
| L2 cache | 6 MB |
| **Neural processor unit (NPU)** | |
| Copilot+ PC | Yes |
| Neural processor unit (NPU) | AMD Ryzen AI |
| NPU performance up to | 50 TOPs |
| **Memory** | |
| Internal memory | 32 GB |
| Maximum internal memory | 64 GB |

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| | |
|---|---|
| Internal memory type | DDR5-SDRAM |
| Memory clock speed | 5600 MHz |
| Memory form factor | SO-DIMM |
| Memory layout (slots x size) | 2 x 16 GB |
| Memory slots | 2x SO-DIMM |
| Memory channels | Dual-channel |

## Storage

| | |
|---|---|
| Total storage capacity | 1 TB |
| Storage media | SSD |
| Optical drive type | No |
| Total SSDs capacity | 1 TB |
| Number of SSDs installed | 1 |
| SSD capacity | 1 TB |
| SSD interface | PCI Express 4.0 |
| NVMe | Yes |
| SSD form factor | M.2 |
| M.2 SSD size | 2242 (22 x 42 mm) |
| Self-Encrypting Drive (SED) | Yes |
| Card reader integrated | No |

## Graphics

| | |
|---|---|
| On-board graphics card | Yes |
| Discrete graphics card | No |
| Discrete graphics card model | Not available |
| On-board graphics card model | AMD Radeon 840M |
| On-board GPU manufacturer | AMD |
| On-board graphics card family | AMD Radeon |

## Audio

| | |
|---|---|
| Audio chip | Senary SN6147 |
| Audio system | Dolby Atmos |
| Number of built-in speakers | 2 |
| Speakers manufacturer | Harman Kardon |
| Speaker power | 2 W |
| Built-in microphone | Yes |
| Number of microphones | 2 |

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| | |
|---|---|
| **Camera** | |
| Front camera | Yes |
| Front camera resolution | 1920 x 1080 pixels |
| Front camera HD type | Full HD |
| Infrared (IR) camera | Yes |
| Privacy camera | Yes |
| Privacy type | Privacy shutter |
| **Network** | |
| Mobile network connection | No |
| Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Antenna type | 2x2 |
| Ethernet LAN | Yes |
| Ethernet LAN data rates | 100,1000 Mbit/s |
| Bluetooth | Yes |
| Bluetooth version | 5.4 |
| Near Field Communication (NFC) | No |
| WWAN | Not installed |
| **Ports & interfaces** | |
| USB 2.0 ports quantity | 0 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 1 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity | 0 |
| HDMI ports quantity | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 1 |
| USB4 Gen 3x2 ports quantity | 2 |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI version | 2.1 |
| Combo headphone/mic port | Yes |
| USB Type-C DisplayPort Alternate Mode | Yes |
| USB Sleep-and-Charge | Yes |
| **Performance** | |
| Motherboard chipset | AMD SoC |
| **Keyboard** | |
| Numeric keypad | Yes |

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| | |
|---|---|
| Pointing device | ThinkPad UltraNav |
| Keyboard backlit | Yes |
| Keyboard language | German |
| Copilot key | Yes |
| **Software** | |
| Operating system installed | Windows 11 Pro |
| Operating system language | German |
| Microsoft Copilot | Yes |
| **Battery** | |
| Battery capacity | 64 Wh |
| **Power** | |
| USB Type-C charging port | Yes |
| USB Type-C required charging power (min) | 15 W |
| USB Type-C required charging power (max) | 65 W |
| AC adapter power | 65 W |
| USB Power Delivery (USB PD) | Yes |
| **Security** | |
| Cable lock slot | Yes |
| Cable lock slot type | Kensington, Nano |
| Fingerprint reader | Yes |
| Smart card reader | No |
| Windows Hello | Yes |
| Trusted Platform Module (TPM) | Yes |
| Trusted Platform Module (TPM) version | 2 |
| **Certificates** | |
| Certification | ENERGY STAR,TCO,TCO10,EPEAT Gold,RoHS,ErP |
| **Weight & dimensions** | |
| Weight | 1.65 kg |
| Width | 356 mm |
| Depth | 249 mm |
| Height (front) | 1.01 cm |
| Height (rear) | 1.71 cm |
| **Packaging content** | |
| AC adapter included | Yes |

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| | |
|---|---|
| Stylus pen | No |
| **Matmenys ir svoris** | |
| Matmenys (I × P × A) | 50,00cm × 33,00cm × 8,00cm |

## Energijos efektyvumas ir ekologinis projektavimas

**Įkroviklis:** Įkroviklis pridedamas · 15–65 W · USB PD

## Dokumentai ir vaizdo įrašai

- Naudojimo instrukcija
- Gaminio lankstinukas
- Saugos informacija
- Atitikties deklaracija
- Anglies pėdsakas
- Vaizdo įrašas objects.icecat.biz/objects/147909043_77829578.mp4

## Gamintojo ir saugos informacija

GAMINTOJAS

**Lenovo Group Limited**
Courtyard Xibeiwang East Road Building 2, No.10, 100094 Beijing, CN
lenovo.com

ATSAKINGAS ASMUO ES

**Lenovo France SAS**
Rue des Deux Gares 20, 92500 Rueil-Malmaison, FR
lenovo.com

PLATINTOJAS

**MB KOMPIUTERIŲ GURU**
V. Nagevičiaus g. 3, LT-08237 Vilnius
info@shopro.lt

**Saugos dokumentai**

- Atitikties deklaracija
- Saugos informacija