

Lenovo ThinkPad E14 Gen 7 - 14" - AMD Ryzen 5 - 230 - 16 GB RAM - 512 GB SSD - UK (21T0001XUK)

Lenovo ThinkPad E14 Gen 7 21T0 - 180-degree hinge design - AMD Ryzen 5 - 230 / up to 4.9 GHz - Win 11 Pro - Radeon 760M - 16 GB RAM - 512 GB SSD TCG Opal Encryption 2, NVMe - 14" IPS 1920 x 1200 - Gigabit Ethernet - Wi-Fi 6E, Bluetooth - black - kbd: UK - with 1 Year Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)



The Lenovo ThinkPad E14 Gen 7 is designed to enhance productivity in various environments. Featuring a 14-inch display with a native resolution of 1920 x 1200, this notebook offers sharp visuals and a vibrant viewing experience, suitable for both work and entertainment. The screen is complemented by IPS technology and low blue light capabilities to reduce eye strain during prolonged use. The device is equipped with Harman audio technology and Dolby Atmos, ensuring an immersive sound experience during meetings or while enjoying music or films.

Powered by an AMD Ryzen 5 processor with a max turbo speed of 4.9 GHz and backed by 16 MB of L3 cache, the Lenovo ThinkPad E14 Gen 7 delivers reliable performance for multitasking. The notebook includes a backlit keyboard for comfortable typing in low-light settings and robust security features like a fingerprint reader. With multiple USB-C and HDMI ports, along with USB Power Delivery, the notebook supports versatile connectivity, making it a suitable companion for professionals on the move.

Key Selling Points

- 14-inch WUXGA display for vibrant visuals
- Powered by AMD Ryzen 5 processor for efficient multitasking
- Harman audio technology and Dolby Atmos for sound quality
- Backlit keyboard for improved typing experience in low light
- Robust security with integrated fingerprint reader

Product Features

- High-quality display**
The 14-inch display with a resolution of 1920 x 1200 provides clear images and a high level of detail, making it ideal for a range of tasks from document editing to video streaming.
- Immersive audio experience**
Featuring dual array microphones and stereo speakers with Dolby Atmos technology, this notebook delivers rich sound and crisp audio clarity for calls, music, and media.
- Powerful processing performance**
With a 6-core AMD Ryzen 5 processor and a maximum turbo speed of 4.9 GHz, this device ensures high performance and efficiency for demanding applications.
- Enhanced connectivity options**
Equipped with multiple USB-C ports, HDMI, and USB 3.2 Gen connections, the notebook supports various devices and fast data transfer, enhancing productivity.
- Reliable security features**
The integrated fingerprint reader provides a secure way to access the notebook, protecting against unauthorized use and ensuring data safety.

Main Specifications

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|-----------------------------|---|
| Product Description | Lenovo ThinkPad E14 Gen 7 - 14" - AMD Ryzen 5 - 230 - 16 GB RAM - 512 GB SSD - UK |
| Product Type | Notebook - 180-degree hinge design |
| Operating System | Win 11 Pro - English |
| Processor | AMD Ryzen 5 230 / 3.5 GHz, up to 4.9 GHz / 16 MB Cache |
| Neural Processor Unit (NPU) | AMD Ryzen AI - up to 16 TOPS |
| Memory | 16 GB DDR5 (1 x 16 GB) |
| Storage | 512 GB SSD - TCG Opal Encryption 2, NVMe |

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|------------------------------|--|
| Display | 14" 1920 x 1200 / WUXGA @ 60 Hz |
| Graphics | AMD Radeon 760M |
| Input Device | TrackPoint, UltraNav |
| Keyboard | UK |
| Keyboard Backlight | 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) | 31.3 cm x 22.03 cm x 1.97 cm |
| Weight | 1.41 kg |
| Localisation | Language: English / region: United Kingdom |
| Manufacturer Selling Program | Lenovo TopSeller |
| Environmental Standards | TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified EPEAT Gold |
| Carbon Footprint | 170 kg carbon emissions |
| Manufacturer Warranty | Limited warranty - 1 year - pick-up and return Extended warranty - 1 year - on-site - response time: next business day |
| Bundled Services | 1 Year Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen) |

Extended Specification

General

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|------------------|------------------------------------|
| Product Type | Notebook - 180-degree hinge design |
| Operating System | Windows 11 Pro - English |

Memory

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|-------------------|-------------------|
| RAM | 16 GB (1 x 16 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 | Limited warranty - 1 year - pick-up and return Extended warranty - 1 year - on-site - response time: next business day |
| Bundled Services | 1 Year Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen) |

Storage

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|--------------|--|
| Main Storage | 512 GB SSD M.2 2242 PCIe 4.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe) |
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Miscellaneous

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|----------------------------|--|
| Colour | Black |
| Case Material | Aluminium (top), aluminium (bottom) |
| Security | Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader |
| Features | Administrator password, system password, power-on password, MIL-STD-810H tested, self-healing BIOS, NVMe password, certificate based BIOS authentication, FIDO (Fast Identity Online) authentication |
| Theft/Intrusion Protection | Security lock slot (cable lock sold separately) |

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| Security Slot Type | Kensington nano security slot |
| Included Accessories | USB-C power adapter |
| Compliant Standards | RoHS, FIPS 140-2, Energy-Related Products (ErP) Lot 6, TCG Certified, Energy-Related Products (ErP) Lot 26, TUV Rheinland Low Blue Light (Software Solution) |
| Localization | Language: English / region: United Kingdom |
| Manufacturer Selling Program | Lenovo TopSeller |

Environmental Parameters

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

Display

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|--------------------------|---------------------------------------|
| Type | 14" - 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/m² |
| Horizontal Viewing Angle | +89 / -89 |
| Vertical Viewing Angle | +89 / -89 |
| Colour Gamut | 45% NTSC |
| Features | Anti-glare, Low Blue Light technology |

Battery

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|------------|-----------------|
| Technology | Lithium polymer |
| Capacity | 64 Wh |

Communications

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|---------------------|---|
| 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

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|--------------------|------------------------------|
| Dimensions (WxDxH) | 31.3 cm x 22.03 cm x 1.97 cm |
| Weight | 1.41 kg |

Processor / Chipset

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|-----------------|------------------------------|
| CPU | AMD Ryzen 5 230 / 3.5 GHz |
| Max Turbo Speed | 4.9 GHz |
| Number of Cores | 6-core |
| Cache | L3 - 16 MB |
| Features | Integrated memory controller |

Audio & Video

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|------------------------|-----------------------|
| Graphics Processor | AMD Radeon 760M |
| Max Monitors Supported | 3 external monitor(s) |
| Video System Features | Direct X 12 |
| Camera | Yes - 1080p |

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|---------------------|---|
| Camera Features | Privacy shutter, Windows Hello, fixed focus, Temporal Noise Reduction, 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: smart noise-cancelling |

Input

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|--------------------|--|
| Type | Keyboard, TrackPoint, UltraNav |
| Keyboard Backlight | Yes |
| Keyboard Layout | UK |
| Features | Multimedia control, spill-resistant, multi-touch touchpad, Copilot key |

AC Adapter

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

Connections & Expansion

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| 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 3.1) USB4 (supports DisplayPort 1.4a Alt Mode) (Power Delivery 3.1) HDMI (4K support) Headphone/microphone combo jack |

Sustainability Information

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| TCO Certified | - TCO Certified, generation 10, for notebooks |
| EPEAT Compliant | EPEAT Gold |
| ENERGY STAR Certified | Yes |
| Carbon Footprint | 170 kg carbon emissions |
| Total CF/unit Standard Deviation (kg CO2e) | 28 |
| PAIA Version | 1.4.7 |

Neural Processor Unit (NPU)

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| Neural Processor Unit (NPU) | AMD Ryzen AI |
| NPU Performance Up To (TOPS) | 16 TOPS |
| Total Processor Performance Up To (TOPS) | 31 TOPS |

What's in the box

Lenovo ThinkPad E14 Gen 7 21T0
USB-C power adapter

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet