

Lenovo ThinkPad E16 Gen 3 - 16" - AMD Ryzen 5 - 230 - 16 GB RAM - 512 GB SSD - UK (21ST001JUK)

Lenovo ThinkPad E16 Gen 3 21ST - 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 - 16" 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 E16 Gen 3 offers a 16-inch display with a native resolution of 1920 x 1200, ensuring crisp visuals for any task. Features such as anti-glare technology and Low Blue Light technology promote a comfortable viewing experience, reducing eye strain during extended use. The device is equipped with Dolby Atmos audio, complemented by Harman audio technology, delivering sound quality through dual array microphones and stereo speakers. Powered by an AMD Ryzen 5 processor with 6 cores and a max turbo speed of 4.9 GHz, this notebook is designed to handle demanding applications with ease. Its 16 MB L3 cache and fast 5600 MT/s DDR5 RAM provide efficient performance. The device also features a PCIe 4.0 SSD for fast data access and storage. With various connectivity options including multiple USB and HDMI ports, alongside a USB-C port with Power Delivery, the ThinkPad E16 Gen 3 is ready to meet diverse computing needs.

Key Selling Points

- 16-inch WUXGA display with anti-glare and Low Blue Light technology
- Dolby Atmos audio with Harman audio technology
- AMD Ryzen 5 processor with 6 cores
- Integrated privacy shutter on the webcam
- Secure fingerprint reader for enhanced security

Product Features

- Vibrant display**
The 16-inch display features a resolution of 1920 x 1200, providing sharp visuals that enhance productivity and entertainment.
- Efficient performance**
With an AMD Ryzen 5 processor, the ThinkPad E16 Gen 3 delivers performance for multitasking and demanding applications.
- Rich audio quality**
Dolby Atmos and Harman audio technology work together to provide a sound experience through high-definition audio.
- Versatile connectivity**
Includes multiple USB 3.2 Gen ports, USB-C, HDMI, and a headphone/microphone combo jack for extensive compatibility.
- Enhanced security features**
Equipped with a fingerprint reader and a privacy shutter on the webcam, ensuring personal data remains protected.

Main Specifications

Product Description	Lenovo ThinkPad E16 Gen 3 - 16" - 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
Display	16" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	AMD Radeon 760M
Input Device	TrackPoint, UltraNav
Keyboard	UK
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 / region: United Kingdom
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	184 kg carbon emissions
Specific Absorption Rate (SAR)	0.993 W/kg (body) 0.993 W/kg (limb)
Manufacturer Warranty	Base 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

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

Memory

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	Base 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

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	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, ThinkShield cybersecurity package
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, FIPS 140-2, Energy-Related Products (ErP) Lot 6, FSC, TCG Certified, Energy-Related Products (ErP) Lot 26, TUV Rheinland Low Blue Light (Software Solution)
Specific Absorption Rate (SAR)	0.993 W/kg (body) 0.993 W/kg (limb)
Localization	Language: English / region: United Kingdom
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/m²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
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
Wireless Controller	M.2 Card
Network Interface	Gigabit Ethernet
Ethernet Controller	Realtek RTL811H-CG
Features	Wake-on-LAN (WOL), 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 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

Graphics Processor	AMD Radeon 760M
Max Monitors Supported	3 external monitor(s)
Video System Features	Direct X 12
Camera	Yes - 1080p
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: 360° far-field, smart noise-cancelling

Input

Type	Keyboard, TrackPoint, UltraNav
Keyboard Backlight	Yes
Keyboard Layout	UK
Numeric Keypad	Yes
Features	Multimedia control, 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 3.1) USB4 (supports DisplayPort 1.4a Alt Mode) (Power Delivery 3.1) HDMI (4K support) Headphone/microphone combo jack LAN

Sustainability Information

TCO Certified	- TCO Certified, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	184 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	30
PAIA Version	1.4.7
Packaging Recycled Content	Plastic-free

Neural Processor Unit (NPU)

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 E16 Gen 3 21ST
USB-C power adapter

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