

Product information



Information

Manufacturer Lenovo
Part number 21ST001JUK

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

Specifications

General

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

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

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

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
Storage	
Main Storage	512 GB SSD M.2 2242 PCIe 4.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe)
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 ²
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
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
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)
Battery	
Technology	Lithium polymer
Capacity	64 Wh
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 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
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
Dimensions & Weight	
Dimensions (WxDxH)	35.6 cm x 24.9 cm x 2.115 cm
Weight	1.71 kg
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

Manufacturer Warranty

Service & Support	Base warranty - 1 year - pick-up and return Extended warranty - 1 year - on-site - response time: next business day
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Bundled Services	1 Year Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)
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Environmental Parameters

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