Lenovo ThinkPad E16 Gen 3 21SR(21SR000NUK)

Lenovo ThinkPad E16 Gen 3 21SR - 180-degree hinge design - Intel Core Ultra 7 - 255H / up to 5.1 GHz - Win 11 Pro - Arc Graphics 140T - 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

The Lenovo ThinkPad E16 Gen 3 combines powerful performance with enhanced security features, making it a suitable choice for professionals on the go. Equipped with a 16-inch display that boasts a native resolution of 1920 x 1200 and 300 cd/m² brightness, this laptop ensures clear and vibrant visuals. The IPS technology and anti-glare finish provide a comfortable viewing experience, even in bright environments, allowing for productivity without distractions.

Powering this device is the Intel Core Ultra 5 processor, featuring a 12-core design and a maximum turbo speed of 4.8 GHz. With 16 GB of DDR5 RAM and a 512 GB SSD, users can expect seamless multitasking and plenty of storage for important files. Additionally, the Lenovo ThinkPad E16 Gen 3 includes a range of ports for connectivity including USB 3.2, USB-C, and HDMI, ensuring versatile options for all your devices. With security enhancements like a fingerprint reader and a discrete Trusted Platform Module (TPM) 2.0, sensitive data remains protected, allowing peace of mind in any environment.

Key Selling Points

16-inch display with 1920 x 1200 native resolution for vibrant visuals
Powered by Intel Core Ultra 5 processor with 12 cores for impressive performance
Includes 16 GB of DDR5 RAM and 512 GB SSD for efficient multitasking
Multiple connectivity options including USB 3.2 and HDMI for versatile use
Enhanced security features like fingerprint reader and TPM 2.0

Product Features

Vivid display
The 16-inch display features an IPS panel with a native resolution of 1920 x 1200, offering bright and sharp visuals that enhance productivity and viewing pleasure.

Robust performance
With the Intel Core Ultra 5 processor and 12 cores, this notebook is capable of handling demanding applications and multitasking scenarios efficiently.

Ample storage
The 512 GB solid-state drive provides rapid data access and enough storage space to accommodate files and applications essential for work.

Versatile connectivity
Equipped with a variety of ports, including USB 3.2 and HDMI, this device supports different peripherals and external displays for enhanced functionality.

Security features
A fingerprint reader and a discrete TPM 2.0 security chip ensure that sensitive information remains secure, making it suitable for business use.

Main Specifications

Product Description	Lenovo ThinkPad E16 Gen 3 - 16" - Intel Core Ultra 7 - 255H - 16 GB RAM - 512 GB SSD - UK
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - English
Processor	Intel Core Ultra 7 (Series 2) - 255H / 2 GHz, up to 5.1 GHz / 24 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 13 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	Intel Arc Graphics 140T - up to 74 TOPS

Input Device	TrackPoint, UltraNav
Keyboard	UK
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Microsoft Copilot	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	1.63 kg
Localisation	Language: English / region: United Kingdom
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	182 kg carbon emissions
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

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

Storage

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

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, self-healing BIOS, NVMe password, certificate based BIOS authentication, FIDO (Fast Identity Online) authentication
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, TUV Rheinland Low Blue Light (Software Solution)
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%

Software

Microsoft Copilot	Yes

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

Battery

Technology	Lithium polymer
Capacity	64 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	Intel Wi-Fi 6E AX 211 - M.2 Card
Network Interface	Gigabit Ethernet
Ethernet Controller	Intel I219-V
Features	Wake-on-LAN (WOL), dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.6 cm x 24.9 cm x 2.115 cm
Weight	1.63 kg

Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 255H / 2 GHz
Max Turbo Speed	5.1 GHz
Number of Cores	16-core
Performance Cores	6
Efficient Cores	10
Cache	24 MB
Features	Integrated memory controller

Audio & Video

Graphics Processor	Intel Arc Graphics 140T - up to 74 TOPS
Max Monitors Supported	3 external monitor(s)
Video System Features	Functions as Intel graphics (for single-channel memory)
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: 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 2x2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery 3.1) ¦ USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery 3.1) ¦ HDMI (4K support) ¦ Headphone/microphone combo jack (mini-phone 3.5 mm) ¦ LAN (RJ-45)

Sustainability Information

EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	182 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	28
PAIA Version	1.4.7

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS
Total Processor Performance Up To (TOPS)	96 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

What's in the box

Lenovo ThinkPad E16 Gen 3 21SR
USB-C power adapter