

Lenovo ThinkBook 14 G8 IRL - 14" - Intel Core 7 - 240H - 16 GB RAM - 512 GB SSD - UK (21SG008BUK)

Lenovo ThinkBook 14 G8 IRL 21SG - Intel Core 7 - 240H / up to 5.2 GHz - Win 11 Pro - Intel Graphics - 16 GB RAM - 512 GB SSD NVMe - 14" IPS 1920 x 1200 - Gigabit Ethernet - Wi-Fi 6E, Bluetooth - dual tone arctic grey - kbd: UK



The Lenovo ThinkBook 14 G8 IRL blends productivity and portability with its compact 14-inch design, featuring a native resolution of 1920 x 1200 to deliver sharp visuals. It employs IPS technology with Dolby Audio for an immersive audio experience. With a combination of a powerful Core 7 processor, 10-core design, and integrated Intel Graphics, this notebook efficiently handles multitasking and demanding applications. The 24 MB cache memory and DDR5 RAM technology enhance its performance further, ensuring seamless operation for various tasks. The ThinkBook is geared for modern professionals, featuring a built-in webcam with a privacy shutter and a fingerprint reader for security, making it a reliable choice for daily use.

Key Selling Points

- 14-inch display with a native resolution of 1920 x 1200
- Core 7 processor with up to 5.2 GHz max turbo speed
- Integrated Dolby Audio and stereo speakers for sound quality
- Lightweight design with MIL-STD-810H tested durability
- Includes a fingerprint reader for secure access

Product Features

- Vibrant display**
The 14-inch display showcases a native resolution of 1920 x 1200, providing crisp and clear visuals for a range of tasks. The anti-glare technology and Low Blue Light feature contribute to comfortable long-term usage.
- Powerful performance**
Equipped with an Intel Core 7 processor, this notebook operates with a clock speed of 2.5 GHz and can achieve a max turbo speed of 5.2 GHz. The 10-core design allows for efficient multitasking, suitable for both work and leisure.
- Advanced audio system**
With Dolby Audio and high definition audio compliance, the Lenovo ThinkBook delivers an impressive sound experience. The dual array microphone enhances audio clarity during calls and conferencing.
- Enhanced security features**
The inclusion of a fingerprint reader and a firmware Trusted Platform Module (TPM 2.0) chip ensures that sensitive information remains secure, adding an extra layer of protection for users.
- Robust connectivity options**
This notebook offers a variety of connectivity features, including HDMI, USB-C 3.2, and USB4 ports, providing flexibility for peripherals and external displays. Wi-Fi 6E and Bluetooth 5.3 support enable fast and reliable wireless connections.

Main Specifications

Product Description	Lenovo ThinkBook 14 G8 IRL - 14" - Intel Core 7 - 240H - 16 GB RAM - 512 GB SSD - UK
Product Type	Notebook
Operating System	Win 11 Pro - English
Processor	Intel Core 7 (Series 2) - 240H / 2.5 GHz, up to 5.2 GHz / 24 MB Cache
Memory	16 GB DDR5 (1 x 16 GB)
Storage	512 GB SSD - NVMe
Display	14" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Intel Graphics
Keyboard	UK

Keyboard Backlight	Yes
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3, Gigabit Ethernet
Battery	Up to 12.63 hours
Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Dual tone arctic grey
Dimensions (WxDxH)	31.35 cm x 22.4 cm x 1.75 cm
Weight	1.36 kg
Localisation	Language: English / region: United Kingdom
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	283 kg carbon emissions
Manufacturer Warranty	Limited warranty - 1 year - pick-up and return

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro - English

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	2800 MHz
Rated Speed	2800 MHz
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Manufacturer Warranty

Service & Support	Limited warranty - 1 year - pick-up and return
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Storage

Main Storage	512 GB SSD M.2 2242 PCIe 4.0 x4 - NVMe Express (NVMe)
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Miscellaneous

Colour	Dual tone arctic grey
Case Material	Aluminium (top), polycarbonate ABS (bottom)
Surface Finish	Anodising sandblasting
Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	Administrator password, hard drive password, power-on password, MIL-STD-810H tested, Rapid Charge Pro, Modern Standby, self-healing BIOS
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

Software Included	Microsoft Office (Trial)
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Display

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

Technology	Lithium polymer
Capacity	45 Wh
Run Time	Up to 12.63 hours
Battery Run Time	Local video (1080p) playback time (150 nits): up to 12.63 hours

Communications

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

Dimensions & Weight

Dimensions (WxDxH)	31.35 cm x 22.4 cm x 1.75 cm
Weight	1.36 kg

Processor / Chipset

CPU	Intel Core 7 (Series 2) 240H / 2.5 GHz
Max Turbo Speed	5.2 GHz
Number of Cores	10-core
Performance Cores	6
Efficient Cores	4
Cache	24 MB
Features	Integrated memory controller

Audio & Video

Graphics Processor	Intel Graphics
Max Monitors Supported	3 external monitor(s)
Video System Features	DirectX 12.1
Camera	Yes - 1080p
Camera Features	Privacy shutter, Windows Hello, fixed focus, hybrid FHD/IR camera

Sound	Stereo speakers, dual array microphone
Codec	Realtek ALC3287
Compliant Standards	High Definition Audio, Dolby Audio
Audio Features	Input: smart noise-cancelling

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Keyboard Layout	UK
Features	Spill-resistant, multi-touch touchpad, buttonless touchpad, precision touchpad, Copilot key

AC Adapter

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

Connections & Expansion

Slots	2 x M.2 (PCI Express 4.0 x4) (1 free)
Interfaces Details	USB 3.2 Gen 1 USB 3.2 Gen 1 (Always On) USB-C 3.2 Gen 2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery 3.0) USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery 3.0) HDMI (4K support) LAN Headphone/microphone combo jack
Memory Card Reader	Yes (SD Card)

Sustainability Information

TCO Certified	- TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	283 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	50
PAIA Version	1.4.3
Packaging Recycled Content	Plastic-free

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