

Lenovo ThinkBook 14 G8 IRL - 14" - Intel Core i5 - 13420H - 16 GB RAM - 512 GB SSD - UK (21SG00F4UK)

Lenovo ThinkBook 14 G8 IRL 21SG - 180-degree hinge design - Intel Core i5 - 13420H / up to 4.6 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 combines performance and efficiency, making it an ideal choice for professionals and students. With a 14-inch WUXGA display featuring a native resolution of 1920 x 1200, the visuals are enhanced by anti-glare technology and Low Blue Light features that contribute to comfortable long-term viewing. This laptop is equipped with Intel Core i5 processor, providing overall performance with its 8-core configuration and a maximum turbo speed of 4.6 GHz. The 16 GB DDR5 RAM ensures smooth multitasking while the 512 GB SSD delivers fast data access and ample storage for applications and files.

Audio experience is prioritized, featuring high definition audio with Dolby Audio compliance and stereo speakers, complemented by a dual array microphone for clear conversations. The privacy-focused 1080p webcam comes with a privacy shutter, suitable for video calls. With modern connectivity options including USB-C and Thunderbolt ports, as well as a robust design compliant with MIL-STD-810H standards, the Lenovo ThinkBook 14 G8 IRL blends functionality with durability for everyday use.

Key Selling Points

- 14-inch WUXGA display for vivid visuals
- Powered by Intel Core i5 processor for responsive performance
- 512 GB SSD for fast storage and data access
- Integrated privacy shutter on the webcam for security
- MIL-STD-810H tested design for added durability

Product Features

- High-resolution display**
The 14-inch display has a native resolution of 1920 x 1200 and features anti-glare technology, providing a comfortable viewing experience in various lighting conditions.
- Robust audio capabilities**
With Dolby Audio compliance and dual array microphones, the audio performance supports immersive sound quality for entertainment and communication.
- Powerful processing power**
The Intel Core i5 processor includes 8 cores and a max turbo speed of 4.6 GHz, delivering efficient performance for demanding tasks.
- Ample fast storage**
The 512 GB SSD utilizes PCIe 4.0 x4 interface, ensuring quick data retrieval and ample space for applications and files.
- Enhanced connectivity options**
Equipped with multiple USB ports, HDMI, and Thunderbolt access, the laptop supports a wide range of peripherals and fast data transfer.

Main Specifications

Product Description	Lenovo ThinkBook 14 G8 IRL - 14" - Intel Core i5 - 13420H - 16 GB RAM - 512 GB SSD - UK
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - English
Processor	Intel Core i5 (13th Gen) - 13420H / 2.1 GHz, up to 4.6 GHz / 12 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 - 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	5200 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
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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 i5 (13th Gen) 13420H / 2.1 GHz
Max Turbo Speed	4.6 GHz
Number of Cores	8-core
Performance Cores	4
Efficient Cores	4
Cache	12 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

What's in the box

Lenovo ThinkBook 14 G8 IRL 21SG
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