

Lenovo ThinkBook 16 G8 IRL - 16" - Intel Core i5 - 13420H - 16 GB RAM - 256 GB SSD - UK (21SH00G1UK)

Lenovo ThinkBook 16 G8 IRL 21SH - Intel Core i5 - 13420H / up to 4.6 GHz - Win 11 Pro - UHD Graphics - 16 GB RAM - 256 GB SSD NVMe - 16" IPS 1920 x 1200 - Wi-Fi 6E, Bluetooth - arctic grey - kbd: UK



The Lenovo ThinkBook 16 G8 IRL is a powerful notebook designed to enhance productivity while providing a visual experience. Equipped with a 16-inch LED display boasting a native resolution of 1920 x 1200 and anti-glare properties, this device ensures sharp image clarity and comfortable viewing during extended work hours. The IPS technology and Low Blue Light feature help to minimize eye strain, making it suitable for professionals and students alike. With a performance-driven Intel Core i5 processor and 16 GB of DDR5 RAM, multitasking is seamless, promoting efficiency on various applications.

In addition to the robust hardware, this notebook includes audio capabilities with Dolby Audio and high-definition audio compliance, complemented by dual array microphones and stereo speakers. The privacy shutter on the 1080p webcam adds an extra layer of security while allowing for clear video calls. With a lightweight design and durable materials, including MIL-STD-810H testing, the Lenovo ThinkBook is ready to support users in any environment, whether in an office or on the go. Connectivity options through multiple USB-C and HDMI ports ensure compatibility with other devices, making this laptop a practical choice for users seeking reliability and performance.

Key Selling Points

- 16-inch LED display with a resolution of 1920 x 1200
- Powered by Intel Core i5 processor for efficient multitasking
- Equipped with Dolby Audio for an immersive sound experience
- Includes a privacy shutter for enhanced security during video calls
- Durable design meeting MIL-STD-810H standards

Product Features

- High-quality display**
The 16-inch display features a WUXGA resolution of 1920 x 1200 with IPS technology for vibrant colors and wide viewing angles, ensuring an enjoyable viewing experience whether working or streaming media.
- Powerful processing capabilities**
An Intel Core i5 processor with 8 cores and a maximum turbo speed of 4.6 GHz facilitates smooth performance across tasks, enabling effective multitasking and efficient operation for demanding applications.
- Enhanced audio experience**
Dolby Audio and high-definition audio compliance provide rich sound quality through stereo speakers and dual array microphones, making it ideal for video conferences and media enjoyment.
- Robust security features**
Security is reinforced with a fingerprint reader and a firmware Trusted Platform Module (TPM 2.0) security chip, allowing for secure access and data protection.
- Durable and portable design**
The aluminum and polycarbonate ABS construction meets MIL-STD-810H standards for durability, ensuring that the notebook can withstand the rigors of travel while maintaining a sleek, professional appearance.

Main Specifications

Product Description	Lenovo ThinkBook 16 G8 IRL - 16" - Intel Core i5 - 13420H - 16 GB RAM - 256 GB SSD - UK
Product Type	Notebook
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	256 GB SSD - NVMe
Display	16" 1920 x 1200 / WUXGA @ 60 Hz

Graphics	Intel UHD Graphics
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
Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Arctic grey
Dimensions (WxDxH)	35.6 cm x 25.35 cm x 1.75 cm
Weight	1.7 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
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	5200 MT/s
Rated Speed	2600 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	256 GB SSD M.2 2242 PCIe 4.0 x4 - NVMe Express (NVMe)
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Miscellaneous

Colour	Arctic grey
Case Material	Aluminium (top), polycarbonate ABS (bottom)
Surface Finish	Anodising sandblasting (top), texture (bottom)
Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	MIL-STD-810H tested, Modern Standby
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

Software

Software Included	Microsoft Office (Trial)
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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
Colour Gamut	45% NTSC
Features	Anti-glare, Low Blue Light technology

Battery

Technology	Lithium polymer
Capacity	45 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.6 cm x 25.35 cm x 1.75 cm
Weight	1.7 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 UHD Graphics
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

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Keyboard Layout	UK
Numeric Keypad	Yes
Features	Buttonless touchpad, precision multi-touch touchpad

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) Headphone/microphone combo jack (mini-phone 3.5 mm) LAN (RJ-45)
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

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