

Lenovo ThinkBook 14 G8 IAL - 14" - Intel Core Ultra 7 - 255H - 16 GB RAM - 512 GB SSD - UK (21SJ007LUK)

Lenovo ThinkBook 14 G8 IAL 21SJ - 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 NVMe - 14" IPS 1920 x 1200 - Wi-Fi 6E, Bluetooth - arctic grey - kbd: UK



The Lenovo ThinkBook 14 G8 IAL is designed to enhance productivity and creativity in a sleek form factor. With a stunning 14-inch WUXGA display and an anti-glare surface, users can enjoy vibrant visuals with a native resolution of 1920 x 1200. The integration of Dolby Audio creates an immersive sound experience, complemented by a high-definition webcam equipped with a privacy shutter for secure video calls. This laptop meets military standards for durability, ensuring reliable performance on the go.

Featuring a powerful Intel Core Ultra 7 processor with 16 cores, combined with Intel Arc Graphics, the ThinkBook 14 G8 IAL handles multitasking and graphic-intensive applications with ease. The dual array microphone and stereo speakers provide clear audio for conferences and media consumption. Equipped with fast PCIe 4.0 SSD storage and DDR5 RAM, it offers quick data access and support for demanding applications, making it an ideal choice for professionals and students alike.

Key Selling Points

- 14-inch WUXGA display with anti-glare technology
- Powerful Intel Core Ultra 7 processor with 16 cores
- Dolby Audio and dual array microphone for exceptional sound quality
- Durable design meeting MIL-STD-810H standards
- High-definition webcam with privacy shutter

Product Features

- Vibrant display**  
The 14-inch display features a native resolution of 1920 x 1200, providing crisp and clear visuals while the anti-glare technology allows for comfortable viewing in various lighting conditions.
- Powerful performance**  
Powered by the Intel Core Ultra 7 with a max turbo speed of 5.1 GHz and 16 cores, this laptop easily handles multitasking and demanding tasks, ensuring smooth operation during productivity sessions.
- Enhanced audio experience**  
Dolby Audio technology, combined with high-definition audio and stereo speakers, delivers quality sound for music, movies, and video conferencing, while the dual array microphone enhances voice clarity.
- Reliable security features**  
The integrated fingerprint reader and firmware Trusted Platform Module (TPM 2.0) security chip provide secure access and protect sensitive information, ensuring data integrity and user privacy.
- Durable design**  
Constructed with aluminum and designed to meet MIL-STD-810H standards, this laptop is built to withstand the rigors of daily use, making it a dependable choice for professionals on the move.

Main Specifications

Product Description	Lenovo ThinkBook 14 G8 IAL - 14" - 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 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 - NVMe
Display	14" 1920 x 1200 / WUXGA @ 60 Hz

Graphics	Intel Arc Graphics 140T
Keyboard	UK
Keyboard Backlight	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)	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, 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 - 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	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 - NVM 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	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
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)	31.35 cm x 22.4 cm x 1.75 cm
Weight	1.36 kg

Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 255H
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
Video System Features	Functions as Intel graphics (for single-channel memory)
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
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, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS

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