

Lenovo ThinkBook 16 G8 IAL (21SK00EBMB)

Lenovo ThinkBook 16 G8 IAL 21SK - 180-degree hinge design - Intel Core Ultra 5 - 135H / up to 4.6 GHz - Win 11 Pro - Intel Arc Graphics - 16 GB RAM - 512 GB SSD NVMe - 16" IPS 1920 x 1200 - Wi-Fi 6E, Bluetooth - arctic grey - kbd: Belgium - with 2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)



The Lenovo ThinkBook 16 G8 IAL enhances productivity with its spacious 16-inch display featuring a native resolution of 1920 x 1200. With anti-glare technology and a brightness of 300 cd/m2, it provides visibility in various lighting conditions. The device is equipped with an Intel Core Ultra 5 processor and DDR5 SDRAM, enabling smooth multitasking and efficient performance. Whether working on presentations or streaming content, the audio experience is enhanced by Dolby Audio and a dual array microphone for clear sound. This notebook is designed with user security in mind, featuring a fingerprint reader and a Trusted Platform Module (TPM 2.0) security chip. A privacy shutter on the 1080p webcam provides added peace of mind. With multiple USB-C ports and compatibility with fast charging, the Lenovo ThinkBook 16 G8 IAL meets the demands of modern professionals looking for reliability and efficiency in their devices.

Key Selling Points

- 16-inch display with a native resolution of 1920 x 1200
- Dolby Audio for an immersive audio experience
- Integrated fingerprint reader for enhanced security
- Privacy shutter on the webcam for user privacy
- Lightweight design for portability

Product Features

- Vivid display with anti-glare technology**
The 16-inch WUXGA display offers an exceptional viewing experience, featuring a brightness of 300 cd/m2. The anti-glare design minimizes reflections, allowing for comfortable use even in bright conditions.
- Robust audio capabilities**
Equipped with high definition audio standards and Dolby Audio, the device features stereo speakers and a dual array microphone, ensuring clear sound for calls and media consumption.
- Enhanced security features**
The Lenovo ThinkBook 16 G8 IAL includes a fingerprint reader and a Trusted Platform Module (TPM 2.0) chip, providing secure authentication and protection for sensitive data.
- Versatile connectivity options**
This notebook supports various connectivity interfaces, including USB-C and HDMI, allowing users to connect to multiple devices and external displays effortlessly.
- Efficient multitasking performance**
Powered by an Intel Core Ultra 5 processor and DDR5 SDRAM, this device enables smooth performance across applications, making it ideal for professionals and students alike.

Main specifications

Product Description	Lenovo ThinkBook 16 G8 IAL - 16" - Intel Core Ultra 5 - 135H - 16 GB RAM - 512 GB SSD - Belgium
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - Dutch / English / French / German
Processor	Intel Core Ultra 5 (Series 1) - 135H up to 4.6 GHz / 18 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 11 TOPS
Memory	16 GB DDR5 (1 x 16 GB)
Storage	512 GB SSD - NVMe
Display	16" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Intel Arc Graphics
Keyboard	Belgium
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, French, German, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified EPEAT Gold
Manufacturer Warranty	Base warranty - 1 year - pick-up and return ¹ Base warranty - battery - 1 year ¹ Extended warranty - 2 years - pick-up and return
Bundled Services	2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)

Extended specification

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Input

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

Processor / Chipset

CPU	Intel Core Ultra 5 (Series 1) 135H
Max Turbo Speed	4.6 GHz
Number of Cores	14-core
Performance Cores	4
Efficient Cores	10
Cache	18 MB
Features	Integrated memory controller

AC Adapter

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

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, 90% screen-to-body ratio

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)	11 TOPS
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

Dimensions & Weight

Dimensions (WxDxH)	35.6 cm x 25.35 cm x 1.75 cm
Weight	1.7 kg

Battery

Technology	Lithium polymer
Capacity	45 Wh

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, French, German, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller

Software

Software Included	Microsoft Office (Trial)
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Audio & Video

Graphics Processor	Intel Arc Graphics
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

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
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Features	Dual stream (2x2)
Connections & Expansion	
Slots	2 x M.2 (PCI Express 4.0 x4) (1 available)
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)

General

Product Type	Notebook - 180-degree hinge design
Operating System	Windows 11 Pro - Dutch / English / French / German

Storage

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

Service & Support	Base warranty - 1 year - pick-up and return ¦ Base warranty - battery - 1 year ¦ Extended warranty - 2 years - pick-up and return
Bundled Services	2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)

What's in the box

Lenovo ThinkBook 16 G8 IAL 21SK
USB-C power adapter

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