

Lenovo ThinkBook 16p G6 ADR - 16" - AMD Ryzen 9 - 8945HX - 32 GB RAM - 1 TB SSD - UK (21U00008UK)

Lenovo ThinkBook 16p G6 ADR 21U0 - AMD Ryzen 9 - 8945HX / up to 5.4 GHz - Win 11 Pro - GeForce RTX 5060 - 32 GB RAM - 1 TB SSD NVMe - 16" IPS 2560 x 1600 (WQXGA) @ 240 Hz - Wi-Fi 7, Bluetooth - luna grey - kbd: UK - with 1 Year Lenovo Premier Support



The Lenovo ThinkBook 16p G6 ADR combines power and performance, designed for professionals who require high efficiency in their work. Featuring a 16-inch display with a native resolution of 2560 x 1600 and anti-glare technology, it ensures vibrant visuals while reducing eye strain during long hours of use. Equipped with Eyesafe technology and X-Rite factory color calibration, this notebook provides color accuracy for graphic design and multimedia tasks.

Powered by an AMD Ryzen 9 processor with 16 cores, the ThinkBook delivers multitasking capabilities, making it suitable for demanding applications. With 64 MB of L3 cache and 16 GB of DDR5 RAM, it optimizes performance for various tasks. The NVIDIA GeForce RTX 5060 graphics card enhances visual performance, allowing for smooth rendering and gaming experiences. Additional features like a dual array microphone, privacy shutter on the webcam, and a backlit keyboard enhance user experience and security, making the Lenovo ThinkBook a choice for both work and entertainment.

Key Selling Points

- 16-inch display with a resolution of 2560 x 1600 for enhanced image quality
- AMD Ryzen 9 processor with 16 cores for robust performance
- NVIDIA GeForce RTX 5060 graphics for superior visual experiences
- Dual array microphone and webcam with privacy shutter for privacy and clear audio
- Eyesafe technology and X-Rite calibration for accurate colors and reduced eye strain

Product Features

- Vibrant display**
The 16-inch display features a native resolution of 2560 x 1600, providing sharp and detailed visuals with an image aspect ratio of 16:10.
- Powerful processing**
Equipped with an AMD Ryzen 9 processor and 16 cores, the ThinkBook ensures smooth multitasking and efficient performance for all types of applications.
- Advanced graphics**
With NVIDIA GeForce RTX 5060 graphics, this laptop is capable of handling demanding tasks, from gaming to video editing, with ease.
- Enhanced audio and video**
The system includes dual array microphone and a webcam with a privacy shutter, ensuring clear communication and privacy during video calls.
- Efficient connectivity**
Featuring multiple ports including USB 3.2 and HDMI, along with wireless protocols such as Wi-Fi 6 and Bluetooth 5.4, the ThinkBook supports versatile connectivity options.

Main Specifications

Product Description	Lenovo ThinkBook 16p G6 ADR - 16" - AMD Ryzen 9 - 8945HX - 32 GB RAM - 1 TB SSD - UK
Product Type	Notebook
Operating System	Win 11 Pro - English
Processor	AMD Ryzen 9 8945HX / 2.5 GHz, up to 5.4 GHz / 64 MB Cache
Memory	32 GB DDR5 (2 x 16 GB)
Storage	1 TB SSD - NVMe
Display	16" 2560 x 1600 / WQXGA @ 240 Hz
Graphics	NVIDIA GeForce RTX 5060 / AMD Radeon 610M

Video Memory	8 GB GDDR7 SDRAM
Keyboard	UK
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Battery	Up to 4.11 hours
Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip
Colour	Luna grey
Dimensions (WxDxH)	35.46 cm x 25.62 cm x 1.93 cm
Weight	2.15 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
Carbon Footprint	333 kg carbon emissions
Manufacturer Warranty	Base warranty - 1 year - pick-up and return Base warranty - 1 year - on-site - response time: next business day
Bundled Services	1 Year Lenovo Premier Support

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro - English

Memory

RAM	32 GB (2 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	0

Manufacturer Warranty

Service & Support	Base warranty - 1 year - pick-up and return Base warranty - 1 year - on-site - response time: next business day
Bundled Services	1 Year Lenovo Premier Support

Storage

Main Storage	1 TB SSD M.2 2242 PCIe 4.0 x4 - NVMe Express (NVMe)
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Miscellaneous

Colour	Luna grey
Case Material	Aluminium (top), aluminium (bottom)
Surface Finish	Anodising sandblasting
Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip
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	Power adapter
Compliant Standards	RoHS, Energy-Related Products (ErP) Lot 3, TUV Rheinland Low Blue Light (Hardware Solution), Eyesafe Certified 2.0
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), Lenovo AI Now
Microsoft Copilot	Yes

Display

Type	16" - IPS
Resolution	2560 x 1600 (WQXGA)
V-Sync Rate at Max Res.	240 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	500 cd/m²
Horizontal Viewing Angle	+89 / -89
Vertical Viewing Angle	+89 / -89
Colour Gamut	100% DCI-P3
Features	Anti-glare, NVIDIA G-SYNC compatible, Eyesafe technology, HDR 400 True Black, advanced optimus, X-Rite factory colour calibration

Battery

Technology	Lithium polymer
Capacity	85 Wh
Run Time	Up to 4.11 hours

Communications

Wireless	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Wireless Controller	M.2 Card
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.46 cm x 25.62 cm x 1.93 cm
Weight	2.15 kg

Processor / Chipset

CPU	AMD Ryzen 9 8945HX / 2.5 GHz
Max Turbo Speed	5.4 GHz
Number of Cores	16-core
Cache	L3 - 64 MB
Features	Integrated memory controller

Audio & Video

Multi-GPU Configuration	1 single GPU card / integrated GPU
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Graphics Processor	NVIDIA GeForce RTX 5060 / AMD Radeon 610M
Video Memory	8 GB GDDR7 SDRAM
Max Monitors Supported	3 external monitor(s)
Video System Features	Dynamic Boost 2.0, Direct X 12 Ultimate
Camera	Yes - 720p
Camera Features	Privacy shutter, fixed focus
Sound	Stereo speakers, dual array microphone
Codec	Realtek ALC3287
Compliant Standards	High Definition Audio
Audio Features	Input: smart noise-cancelling

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Keyboard Layout	UK
Numeric Keypad	Yes
Features	Spill-resistant, multi-touch touchpad, buttonless touchpad, glass touchpad, precision glass touchpad, smart sense keyboard backlight, Copilot key

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	300 Watt

Connections & Expansion

Slots	2 x M.2 (PCI Express 4.0 x4) (1 free)
Interfaces Details	2 x USB 3.2 Gen 1 USB 3.2 Gen 2 (Always On) 2 x USB-C 3.2 Gen 2 (supports DisplayPort 2.1 Alt Mode) (Power Delivery 3.0) HDMI (8K support) POGO Headphone/microphone combo jack (mini-phone 3.5 mm)
Memory Card Reader	Yes (SD Card)

Sustainability Information

TCO Certified	- TCO Certified, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	333 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	81
PAIA Version	1.4.7

What's in the box

Lenovo ThinkBook 16p G6 ADR 21U0
Power adapter

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