

Lenovo ThinkBook 16 G6 IRL 21KH(21KH00VWMH)

Lenovo ThinkBook 16 G6 IRL 21KH - 180-degree hinge design - Intel Core i5 - 13420H / up to 4.6 GHz - Win 11 Pro - UHD Graphics - 16 GB RAM - 512 GB SSD NVMe - 16" IPS 1920 x 1200 - Gigabit Ethernet - Wi-Fi 6 - dual tone arctic grey - kbd: English - Europe - with 2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)



From home to coffee shops, this laptop is the ultimate powerhouse for on-the-go professionals, providing the perfect blend of performance, portability, and connectivity. Its lightning-fast processor is ideal for multitasking and crunching complex data sets. The outstanding memory ensures seamless performance while running multiple applications concurrently. Plus, its 16" expansive display ensures crystal-clear visuals to analyze critical presentations on the fly.

Key Selling Points

- Big inside and out
- Security that's got your back - and front
- Up your collaboration game
- Looks good, feels great

Product Features

- Big inside and out**
Want a business laptop that's big on performance and improves productivity? The Lenovo ThinkBook 16 Gen 6 laptop offers a state-of-the-art upgrade to your daily tasks. Featuring Intel Core processors, this device redefines mobility at work. The superior bandwidth of dual-channel memory configurations means faster data transfer speeds and improved performance. Ample storage, smart security, and manageability features also help take your daily workflow to amazing heights.
- Security that's got your back - and front**
Biometrics provide extra protection on the ThinkBook 16 Gen 6 laptop - from the fingerprint reader integrated with the power button to the facial recognition software that works with the infrared (IR) camera. ThinkShield, the comprehensive suite of security solutions, ensures your system is protected. Trusted Platform Module (TPM) firmware encrypts your data, and a self-healing BIOS restores critical info should your device ever become corrupted.
- Up your collaboration game**
With a Full HD-infrared hybrid camera, the ThinkBook 16 Gen 6 laptop makes video calling a cinch. Rich, clear images on an even bigger screen (given the 16:10 aspect ratio) will make you feel like you're in the same room as your colleagues. With AI-based noise cancellation and Dolby Audio, no more background noises - people will hear you loud and clear, the same way you'll hear them. What's more, when you don't want to be on camera, the webcam privacy shutter ensures you stay out of sight.
- Looks good, feels great**
Along with the sleek look and feel of the aluminum chassis, the ThinkBook 16 Gen 6 laptop boasts an upgraded ergonomically redesigned keyboard. The keys are larger than previous generations and include a concave cap that curves to your fingertips - plus, the keys are made from 50% post-consumer recycled plastic. The expanded touchpad feels smooth and easy. And an F9 smart key can be customized to open any frequently used app - or keep the default, which links directly to the Services page.

Main Specifications

Product Description	Lenovo ThinkBook 16 G6 IRL - 16" - Intel Core i5 - 13420H - 16 GB RAM - 512 GB SSD - English - Europe
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - Dutch / English / French / German
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	16" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Intel UHD Graphics

Keyboard	English - Europe
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax, Bluetooth 5.2, Gigabit Ethernet
Battery	Up to 17.72 hours
Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Dual tone arctic grey
Dimensions (WxDxH)	35.6 cm x 25.35 cm x 1.75 cm
Weight	1.7 kg
Localisation	Language: English, German, French, Dutch / region: Netherlands
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified Notebooks 9, ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	301 kg carbon emissions
Manufacturer Warranty	Base warranty - 1 year - pick-up and return † Extended warranty - 2 years - pick-up and return
Bundled Services	2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)

Extended Specification

General

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

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	2600 MHz
Rated Speed	2600 MHz
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Manufacturer Warranty

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

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, 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, FSC, Energy-Related Products (ErP) Lot 26, TUV Rheinland Low Blue Light (Software Solution), TCO Certified 9.0
Localization	Language: English, German, French, Dutch / region: Netherlands
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 (30 days 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
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	71 Wh
Run Time	Up to 17.72 hours
Battery Run Time	Local video (1080p) playback time (150 nits): up to 17.72 hours

Communications

Wireless	802.11a/b/g/n/ac/ax, Bluetooth 5.2
Wireless Controller	M.2 Card
Network Interface	Gigabit Ethernet
Ethernet Controller	Intel I219-V
Features	Wake-on-LAN (WOL), 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
Cache	12 MB
Features	Integrated memory controller

Audio & Video

Graphics Processor	Intel UHD Graphics - up to
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Max Monitors Supported	3 external monitor(s)
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	English - Europe
Numeric Keypad	Yes
Features	Spill-resistant, multi-touch touchpad, buttonless touchpad, precision 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 1.4 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
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	301 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	51
PAIA Version	1.3.2

*TD SYNnex is not responsible for errors in the documentation of products.