Lenovo ThinkBook 16 G7 QOY 21NH(21NH000BMB)

Lenovo ThinkBook 16 G7 QOY 21NH - Snapdragon X Plus - X1P-42-100 / up to 3.4 GHz - Win 11 Pro (on ARM) - Qualcomm Adreno - 16 GB RAM - 512 GB SSD NVMe - 16" IPS 1920 x 1200 - Bluetooth, Wi-Fi 7 - dual tone luna grey - kbd: Belgium - with 2 Years Lenovo Depot Support, CO2 Offset 0.5 ton (2nd Gen)

The Lenovo ThinkBook 16 G7 QOY is designed to enhance productivity and provide a seamless computing experience. Equipped with a 16-inch display and a native resolution of 1920 x 1200, this notebook delivers sharp visuals and vibrant colors, making it ideal for work and entertainment. The IPS technology and anti-glare feature ensure comfortable viewing from various angles, while Low Blue Light technology reduces eye strain during prolonged use.

This notebook is powered by an 8-core Snapdragon X Plus processor with a clock speed of 3.2 GHz, ensuring smooth multitasking and efficient performance. The integrated memory controller and LPDDR5X SDRAM further enhance speed and responsiveness, while a fast PCIe 4.0 x4 SSD provides ample storage with quick access times. The device also features dual-array microphones with smart noise-canceling technology, high definition audio compliance, and Dolby Atmos for an immersive audio experience, making it a suitable choice for video conferencing and entertainment.

Security and durability are paramount with features like a fingerprint reader, privacy shutter for the webcam, and MIL-STD-810H testing. The aluminum case offers a sleek and robust design, ensuring that this notebook can withstand daily use. With extensive connectivity options, including multiple USB-C ports and HDMI support, the Lenovo ThinkBook 16 G7 QOY is equipped to handle various peripherals and devices, making it a versatile addition to any workspace.

Key Selling Points

16-inch display with 1920 x 1200 resolution for clear visuals
Powerful Snapdragon X Plus processor with 8 cores for efficient performance
Dual-array microphones with smart noise-canceling for superior audio input
Mil-std-810h tested for durability and reliability
Robust security features including fingerprint reader and privacy shutter

Product Features

Powerful performance
The Lenovo ThinkBook 16 G7 QOY is powered by an 8-core Snapdragon X Plus processor, clocking up to 3.4 GHz turbo speed, providing processing power ideal for multitasking. The integrated memory controller and LPDDR5X SDRAM ensure fast data retrieval and smooth operation during intensive tasks.

Immersive audio experience
With high definition audio standards and Dolby Atmos compliance, this notebook creates an engaging sound environment. Dual-array microphones equipped with smart noise-canceling technology enhance voice clarity during calls, making it particularly suited for video conferencing.

Stunning display quality
The 16-inch IPS display with a native resolution of 1920 x 1200 and a brightness level of 300 cd/m2 provides vibrant color reproduction and optimal viewing angles. The anti-glare feature ensures comfort in various lighting conditions, while the Low Blue Light technology helps reduce eye strain.

Robust security features
This notebook includes advanced security features such as a fingerprint reader for quick and secure access, and a webcam with a privacy shutter to protect users' privacy. The embedded Microsoft Pluton TPM 2.0 security chip enhances data security and system integrity.

Well-connected and versatile
Equipped with multiple USB-C ports, including power delivery and DisplayPort support, as well as an HDMI port, the Lenovo ThinkBook 16 G7 QOY is ready to connect with various peripherals. This adaptability makes it suitable for office environments and on-the-go use.

Main Specifications

Product Description	Lenovo ThinkBook 16 G7 QOY - AI Ready - 16" - Qualcomm Snapdragon X Plus - X1P-42-100 - 16 GB RAM - 512 GB SSD - Belgium
Product Type	Notebook - AI Ready
Operating System	Win 11 Pro (on ARM) - Dutch / English / French / German
Processor	Qualcomm Snapdragon X Plus X1P-42-100 / 3.2 GHz, up to 3.4 GHz / 30 MB Cache
Memory	16 GB LPDDR5X (provided memory is soldered)
Storage	512 GB SSD - NVMe
Display	16" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Qualcomm Adreno
Keyboard	Belgium
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Networking	Bluetooth 5.3, 802.11a/b/g/n/ac/ax/be
Battery	Up to 30 hours
Security	Microsoft Pluton Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Dual tone luna grey
Dimensions (WxDxH)	35.64 cm x 24.84 cm x 1.67 cm
Weight	1.82 kg
Localisation	Language: English, German, French, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
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 - AI Ready
Operating System	Windows 11 Pro (on ARM) - Dutch / English / French / German

Memory

RAM	16 GB (provided memory is soldered)
Technology	LPDDR5X SDRAM
Speed	8448 MHz
Rated Speed	8448 MHz

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 - NVM Express (NVMe)

Miscellaneous

Colour	Dual tone luna grey
Case Material	Aluminium (top), aluminium (bottom)
Surface Finish	Anodising sandblasting
Security	Microsoft Pluton 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, Energy-Related Products (ErP) Lot 26, TUV Rheinland Low Blue Light (Software Solution), TCO Certified 9.0
Localization	Language: English, German, French, Dutch / region: Belgium
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)

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	84 Wh
Run Time	Up to 30 hours
Battery Run Time	Local video (1080p) playback time (150 nits): up to 30 hours

Communications

Wireless	Bluetooth 5.3, 802.11a/b/g/n/ac/ax/be
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.64 cm x 24.84 cm x 1.67 cm
Weight	1.82 kg

Processor / Chipset

CPU	Qualcomm Snapdragon X Plus X1P-42-100 / 3.2 GHz
Max Turbo Speed	3.4 GHz
Number of Cores	8-core
Cache	30 MB
Features	Integrated memory controller, Qualcomm Hexagon NPU

Audio & Video

Graphics Processor	Qualcomm Adreno
Max Monitors Supported	3 external monitor(s)
Camera	Yes - 1080p
Camera Features	Privacy shutter, fixed focus
Sound	Stereo speakers, dual array microphone
Codec	Qualcomm WCD9385
Compliant Standards	High Definition Audio, Dolby Atmos
Audio Features	Input: smart noise-cancelling

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Keyboard Layout	Belgium
Numeric Keypad	Yes
Features	Spill-resistant, multi-touch touchpad, buttonless touchpad, precision touchpad, glass touchpad, Copilot key

AC Adapter

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

Connections & Expansion

Interfaces Details	USB 3.2 Gen 1 ¦ USB 3.2 Gen 1 (Always On) ¦ 2 x USB-C 3.2 Gen 2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery 3.1) ¦ HDMI (4K support) ¦ Headphone/ microphone combo jack
Memory Card Reader	Yes (SD Card)

Sustainability Information

TCO Certified	-
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes