

**TB/16 G7 ARP RUZ7 16GB 512GB SSD W11(21MW0011MB)**

**16\_WUXGA\_AG\_300N/RYZEN\_7\_7735HS\_3.2G\_8C\_16T/16GB\_DDR5\_4800\_SODIMM/512GB\_SSD\_M.2\_2242\_G4\_TLC/INTEGRATED\_GRAPHICS/WIN\_PRO\_STD/2Y Depot Upgrade From 1Y Depot WHB(CPN),CO2 Offset 0.5 ton (2nd Gen) TP WHB (CPN)/WLAN\_2X2AX\_6E+BT/FINGERPRINT\_READER\_POWERBUTTON/F**



The Lenovo ThinkBook 16 G7 ARP stands out as a premium notebook designed for professionals who demand reliability, performance, and security. Its 16-inch WUXGA IPS display, with a 16:10 aspect ratio and 300 cd/m2 brightness, offers an immersive viewing experience, perfect for both work and leisure. The device is powered by an AMD processor, ensuring smooth multitasking and efficient performance across applications. Security is prioritized with features like a firmware TPM 2.0 security chip and a fingerprint reader, safeguarding your data against unauthorized access.

For those who value connectivity, the Lenovo ThinkBook 16 G7 ARP does not disappoint. It includes modern interfaces such as USB4/DisplayPort 1.4 with 4K support and Wi-Fi 6E, facilitating seamless integration into any work environment. The notebook's design, featuring a durable aluminum top and a lightweight frame, combines portability with the toughness needed for daily use. Whether for business or pleasure, this notebook is engineered to enhance productivity and support the dynamic needs of today's professionals.

Key Selling Points

- 16-inch WUXGA (1920 x 1200) IPS display for vivid visuals
- AMD Radeon graphics supporting up to 3 monitors for expansive workspaces
- Wi-Fi 6E and Bluetooth 5.3 for high-speed, reliable connectivity
- 65 W power delivery for efficient charging and power management
- Rapid Charge Pro and 180° hinge design for enhanced usability

Product Features

- Enhanced durability**  
Built to withstand the rigors of daily use, the Lenovo ThinkBook 16 G7 ARP features a robust aluminum top and a polycarbonate ABS bottom, meeting the demanding MIL-STD-810H military standard for durability. This design ensures the device remains reliable in various conditions, from the office to outdoor environments.
- Immersive visual experience**  
The 16-inch WUXGA display offers a resolution of 1920 x 1200 with IPS technology, ensuring vivid colors and sharp details from any viewing angle. Coupled with Low Blue Light technology and an anti-glare coating, it provides a comfortable viewing experience even during long work sessions.
- Powerful performance**  
Equipped with an AMD processor and integrated memory controller, alongside high-speed DDR5 SDRAM, the Lenovo ThinkBook 16 G7 ARP delivers exceptional performance for multitasking and demanding applications. This setup is ideal for professionals seeking a blend of power and efficiency.
- Advanced connectivity**  
Featuring a comprehensive range of interfaces including USB4/DisplayPort 1.4 with 4K support, USB-C 3.2 Gen 2, and Wi-Fi 6E, the device ensures fast data transfer, reliable Internet connections, and easy connection to peripherals and displays, making it a versatile tool for any workspace.
- Secure and convenient**  
With an embedded firmware TPM 2.0 security chip and a fingerprint reader, the Lenovo ThinkBook 16 G7 ARP offers enhanced security features to protect sensitive data. Additionally, the smart noise-canceling dual array microphone and hybrid FHD/IR camera with privacy shutter enhance video conferencing privacy and clarity.

Main Specifications

Product Description	Lenovo ThinkBook 16 G7 ARP - 16" - AMD Ryzen 7 - 7735HS - 16 GB RAM - 512 GB SSD - Belgium
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - Dutch / English / French / German
Processor	AMD Ryzen 7 7735HS / 3.2 GHz, up to 4.75 GHz / 16 MB Cache
Memory	16 GB DDR5 (1 x 16 GB)

Storage	512 GB SSD - NVMe
Display	16" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	AMD Radeon 680M
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, Gigabit Ethernet
Battery	Up to 12.5 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: Belgium
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	297 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	4800 MHz
Rated Speed	4800 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 - NVM 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, 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	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)
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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	45 Wh
Run Time	Up to 12.5 hours
Battery Run Time	Local video (1080p) playback time (150 nits): up to 12.5 hours

**Communications**

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	M.2 Card
Network Interface	Gigabit Ethernet
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	AMD Ryzen 7 7735HS / 3.2 GHz
Max Turbo Speed	4.75 GHz
Number of Cores	8-core
Cache	L3 - 16 MB
Features	Integrated memory controller

Audio & Video

Graphics Processor	AMD Radeon 680M
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	Belgium
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/DisplayPort 1.4 (Power Delivery 3.0)   HDMI (4K support)   LAN   Headphone/microphone combo jack
Memory Card Reader	Yes (SD Card)

Sustainability Information

TCO Certified	-
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	297 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	54
PAIA Version	1.4.0

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