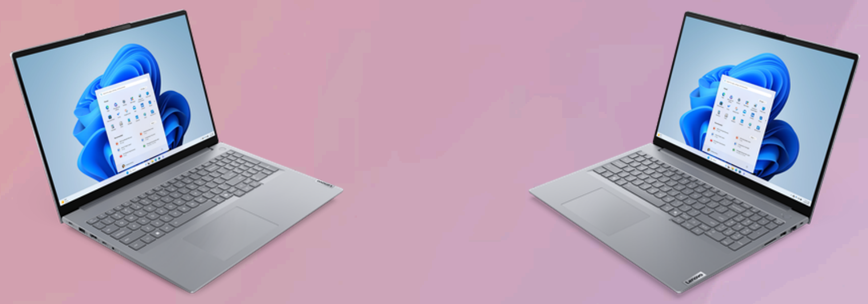
# ThinkBook 16 G9 IRL 21US005EBM



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core™ 5 210H, 8C (4P + 4E) / 12T, P-core 2.2 / 4.8GHz, E-core 1.6 / 3.6GHz, 12MB Intel® Smart Cache
- 1x 16GB SODIMM DDR5-5600
- 512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Integrated Intel® Graphics
- Case color - Arctic Grey
- 3Y Onsite from 1Y Courier/Carry-in SEE (CPN)

## Premier Support - A direct 24x7x365 line to our most elite technicians.

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

## Recommended Accessories

Bulgaria



Lenovo Wired VoIP Headset 5000 (Teams)

4XD1R88995



Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black-Bulgarian

4X31R64459



Lenovo Select Targus 16-inch Mobile Elite Backpack

4X41W54716

>> View More Accessories

## Recommended Services

**Best**

5Y Onsite upgrade from 3Y Onsite (5WS0K27117)

**Better**

4Y Onsite upgrade from 3Y Onsite (5WS0K27104)

**Good**

3Y Premier Support Upgrade from 3Y Onsite (5WS0U26637)

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# ThinkBook 16 G9 IRL 21US005EBM

## PERFORMANCE

**Processor**
Intel Core™ 5 210H, 8C (4P + 4E) / 12T, P-core 2.2 / 4.8GHz, E-core 1.6 / 3.6GHz, 12MB Intel® Smart Cache

**AI PC Category**
Non-AI PC

**NPU**
None

**Graphics**
Integrated Intel® Graphics

**Chipset**
Intel® SoC Platform

**Memory**
1x 16GB SODIMM DDR5-5600

**Memory Slots**
Two DDR5 SODIMM slots, dual-channel capable

**Max Memory**[1]
Up to 64GB DDR5-5600

**Storage**
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

**Storage Slot**
Two M.2 slots • One M.2 2242 PCIe® 4.0 x4 slot • One M.2 2280 PCIe® 4.0 x4 slot

**Max Storage Support**[2]
Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 2TB • M.2 2280 SSD up to 2TB

**Card Reader**
SD Card Reader

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**
Stereo speakers, 2W x2, Dolby Audio™

**Microphone**
2x, Array

**Camera**
FHD 1080p + IR Hybrid with Privacy Shutter

**Battery**
48Wh

**Power Adapter**
65W USB-C® (3-pin)

**Special Features**
Modern Standby

## DESIGN

**Display**
16″ WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz[3]

**Touchscreen**
None

**Screen-to-Body Ratio**
90%

**Pen**
Pen Not Supported

**Keyboard**
Backlit, Bulgarian

**Touchpad**
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

**Dimensions (WxDxH)**[4]
356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

**Weight**[5]
Starting at 1.7 kg (3.75 lbs)

**Case Color**
Arctic Grey

**Case Material**
Aluminium (Top), PC-ABS (Bottom)

**Surface Treatment**
Anodizing Sandblasting (Top), Texture (Bottom)

## SOFTWARE

**Operating System**
None

**Bundled Software**
None

## CONNECTIVITY

**WLAN + Bluetooth**
Wi-Fi® 7, 802.11be 2x2 + BT5.4

**WWAN**
WWAN Not Supported

**Ethernet**
100/1000M (RJ-45)

**Standard Ports**
- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 1x USB-C® (USB 10Gbps), with USB PD 45-65W and DisplayPort™ 1.4
- 1x Thunderbolt™ 4, with USB PD 45-65W and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x SD card reader

**Docking**
Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit Docking for ThinkBook® 16 G9 IRL

## SECURITY & PRIVACY

**Security Chip**
Discrete TPM 2.0 Enabled

**Physical Locks**
Kensington Nano Security Slot™, 2.5 x 6 mm

**Fingerprint Reader**
Touch Style, Match-on-Chip, Integrated in Power Button

**Other Security**
- Camera privacy shutter
- IR camera for Windows® Hello (facial recognition)

## MANAGEABILITY

**System Management**
Non-vPro®

## SERVICE

**Base Warranty**
1-year, Courier or Carry-in

**Included Upgrade**
3Y Onsite from 1Y Courier/Carry-in SEE (CPN)

## ACCESSORIES

**Bundled Accessories**
None

## CERTIFICATIONS

**Green Certifications**
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

**Mil-Spec Test**
MIL-STD-810H military test passed

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **EAN / UPC / JAN** | : 199272964797 |
| **Announce Date** | : 2025-11-07 | **End of Support** | : 2032-06-07 |

Note:
[1] Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.
[2] The system supports dual SSD via two M.2 slots, but Lenovo offers only one SSD configuration with a second slot for user self-expansion. The max storage capacity is only technical readiness and may be different from current Lenovo storage offerings.
[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[4] The system dimensions may vary depending on configurations.
[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.