

ThinkBook 16 G6 IRL

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 up to 13th Gen Intel Core i7 processor is ideal for multitasking and crunching complex data sets. Up to 32GB DDR5 memory ensures seamless performance while running multiple applications concurrently. Optional Intel Iris Xe graphics offer stunning visuals, perfect for photo editing and video rendering. Plus, its 16" expansive display guarantees crystal-clear visuals to analyze critical presentations on the fly.



Redefining possibilities with powerful performance and groundbreaking on-device AI

ThinkBook combines the style and user experience of consumer devices with the security and business-class support of ThinkPad.

Professionals can stay connected wherever they are with its Wi-Fi 6E, ensuring they never miss out on crucial email updates or marketing trends. Its ergonomic keyboard and precision touchpad make creating content a breeze, while the robust battery life keeps them powered throughout long client meetings.

The Thunderbolt 4 port allows professionals to connect to multiple devices effortlessly, while Dolby Audio speakers deliver pitch-perfect presentations to impress clients. Its slim and lightweight design makes it easy to carry during client visits.

The device packs in premium features, design and affordability in a perfect ratio. From 13th Gen Intel U i7 processors to IR camera for Windows Hello and Modern Standby mode- it has all.

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Return To Depot Repair Warranty

- No-hassle repair process at a Lenovo service center
- Lenovo pays for all shipping between the customer and service facility
- Avoid unplanned operational expense with a simple annual fee

Accessories

Lenovo Business Casual 15.6" Topload

- Two functional compartments for storage and protection
- Front zippered pocket for easy access to important things
- Fully adjustable shoulder straps for everyday journeys



PN: 4X40X54259

Lenovo Essential Wired Keyboard & Mouse

- USB wired keyboard & mouse combo. Low profile island style keys, LED indicators & adjustable feet
- Spill-resistant keyboard with waterproof membrane to protect from accidental spills
- Mouse with 1000 DPI optical sensor and scroll wheel for precise control



PN: 4X30I79883

ThinkBook 16 G6 IRL

Performance

Processor

13th Gen Intel U, P or H Series Core i3/i5/i7

Operating System

Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language

Graphics¹

Intel UHD Graphics (integrated)
Intel Iris Xe Graphics eligible (integrated)

¹Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

Memory²

Up to 64GB DDR5-5200, 2x SO-DIMM

²Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.

Storage^{3 4}

Up to two M.2 PCIe NVMe SSD
M.2 2242 SSD up to 1TB
M.2 2280 SSD up to 2TB

³The storage capacity supported is based on the test results with current Lenovo storage offerings.

⁴The system supports dual SSD via two M.2 slots, but Lenovo only offers one SSD configuration, another SSD slot for user self-extension. The max storage capacity is only technical readiness and may be different with current Lenovo storage offerings.

Audio

High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Audio
Dual-microphone array with smart noise-cancelling

Camera^{*}

HD 720p, with privacy shutter
FHD 1080p, with privacy shutter
FHD 1080p + IR hybrid, with privacy shutter

Battery⁵

45Wh (up to 8.0 hr) battery, Rapid Charge Pro
71Wh (up to 11.82 hr) battery, Rapid Charge

⁵Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

Power Adapter^{*}

65W USB-C adapter, PD 3.0
65W USB-C slim adapter, PD 3.0
100W USB-C slim adapter, PD 3.0

Design

Display⁶

16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 45% NTSC, 60Hz
- 300nits, 45% NTSC, 60Hz, touch
- 300nits, 100% sRGB, 60Hz

16" WQXGA (2560x1600) IPS Anti-glare 16:10
- 350nits, 100% sRGB, 60Hz
- 350nits, 100% sRGB, 120Hz

⁶IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Keyboard

6-row, spill-resistant, numeric keypad, optional backlight

Touchpad

Mylar surface touchpad
75 x 120 mm (2.95 x 4.72 inches)

Dimensions⁷

356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

⁷The system dimensions may vary depending on configurations.

Weight⁸

Starting at 1.7 kg (3.75 lbs)

⁸The system weight is approximate and may vary depending on configurations

Color

Arctic grey, dual-tone design

Case material

Aluminium (top)
PC-ABS (bottom)

Special Features

Modern Standby

Connectivity

Ethernet

Gigabit onboard Ethernet

WLAN + Bluetooth^{* 9}

802.11ax (Wi-Fi 6 or Wi-Fi 6E)
Bluetooth 5.2 or 5.3

⁹Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

Ports

1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (Always On)
1x USB-C 3.2 Gen 2 (data, PD 3.0, DP 1.4)
1x Thunderbolt 4 / USB4 40Gbps (data, PD 3.0, DP 1.4)
1x HDMI 2.1, up to 4K/60Hz
1x Card reader
1x Ethernet (RJ-45)
1x Headphone / microphone combo jack (3.5mm)

Docking

Docking support via Thunderbolt or USB-C

Security & Privacy

Security

Firmware TPM 2.0
Kensington Nano Security Slot
Touch style fingerprint reader on smart power button
Camera privacy shutter
IR camera for Windows Hello (facial recognition)*

Manageability

System Management^{* 10}

Intel vPro Essential*

¹⁰Intel vPro offers a superset of DASH's defined capabilities

Certifications

Green Certifications^{11 12 13}

EPEAT Gold Registered
ENERGY STAR 8.0
FSC certified carton
ErP Lot 6/26
TCO Certified 9.0
RoHS compliant

¹¹The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

¹²EPEAT registration and ENERGY STAR certification are optional and only available on the models with preloaded OS.

¹³EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.

Other Certifications

TÜV Rheinland Low Blue Light (Software Solution)*
TÜV Rheinland Low Blue Light (Hardware Solution)*
Eyesafe Certified 2.0*
MIL-STD-810H