

# 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.



## Lenovo devices that are a class apart

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.

With a range of Green certifications such as optional ENERGY STAR 8.0, EPEAT Gold, ErP Lot 6 and ErP Lot 26, this ThinkBook stands out as one of the most energy-efficient and environment friendly companion.

## 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  
Ubuntu Linux

### Graphics <sup>1</sup>

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

<sup>1</sup>Intel 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.

### Memory <sup>2</sup>

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

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

### Storage <sup>3 4</sup>

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

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

<sup>4</sup>The 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

### Battery <sup>5</sup>

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

<sup>5</sup>Battery 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

### Display <sup>6</sup>

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

<sup>6</sup>IPS (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)

### Dimensions <sup>7</sup>

356 x 253,5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

<sup>7</sup>The system dimensions may vary depending on configurations.

### Weight <sup>8</sup>

Starting at 1.7 kg (3.75 lbs)

<sup>8</sup>The 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 <sup>9</sup>

802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.1

<sup>9</sup>Bluetooth 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

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

## Manageability

Intel vPro Essential\*

<sup>10</sup>Intel vPro offers a superset of DASH's defined capabilities

## Certifications

### Green Certifications <sup>11 12</sup>

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

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

<sup>12</sup>EPEAT is registered where applicable, please see <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)\*  
MIL-STD-810H