

# ThinkBook 16 G7 IML

Experience unmatched processing power and efficiency with this laptop featuring the Intel® U or H Series Core™ Ultra 7 Processors, ensuring swift multitasking, seamless application launches, and smooth operation of resource-intensive tasks. The ample memory capacity of up to 32GB DDR5-5600 allows professionals to run multiple applications simultaneously, providing a responsive computing experience. With up to 1TB SSD storage, get ample space for your documents, applications, and media files. Moreover, power through your workday with confidence, thanks to the high-capacity Li-Polymer 71Wh battery option that offers extended usage time on a single charge.



## Built for business with cutting-edge technology

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

Indulge in crystal-clear sound with rich, immersive quality, thanks to the 2W dual Dolby Audio stereo speakers. The high-resolution FHD 1080p camera with built-in privacy shutter ensures that your video calls are clear and detailed, allowing you to connect with colleagues without worrying about prying eyes.

Weighing in at 1.7 kg (3.75 lbs), the lightweight design ensures that you can effortlessly carry the laptop to your work or outdoor meetings. The dual-tone design with its sleek aluminum top exudes sophistication, while the durable PC-ABS bottom ensures robustness – creating a perfect balance between form and function.

The device is optional ENERGY STAR 8.0 and optional EPEAT Gold registered, making it an energy-efficient and eco-friendly device for users. It is also ErP Lot 6 and ErP Lot 26 certified- certifications that are designed to meet stringent energy efficiency standards, resulting in reduced energy consumption during normal use and standby mode, leading to energy savings and lower environmental impact.

## 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

### ThinkPad Essential Wireless Mouse

- Full-size wireless mouse suitable for both left-handed and right-handed users
- Plug-and-forget 2.4 GHz wireless USB connection
- Optical sensor and 12000 DPI resolution for smooth tracking experience



PN: 4X30M56887

### Lenovo Professional Wireless Keyboard & Mouse

- Wireless keyboard and mouse combo with reliable 2.4 GHz wireless connection
- Slim keyboard with number pad, noise-suppression design, dedicated media controls & adjustable tilt legs
- Contoured design of the mouse suits both left-handed & right-handed users



PN: 4X30H56796



# ThinkBook 16 G7 IML

## Performance

### Processor

Intel U or H Series Core Ultra 5/7 Processor (Series 1)

### Operating System

Windows 11 Pro  
Windows 11 Home  
Windows 11 Home Single Language

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

Intel Graphics (integrated)  
Intel Arc Graphics (integrated)

<sup>1</sup>Intel Arc graphics only available on select H-series Intel Core Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel Graphics.

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

Up to 64GB DDR5-5600, 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</sup>

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

<sup>3</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<sup>\*</sup>

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

### Battery<sup>4</sup>

45Wh (up to 6.65 hr) battery, Rapid Charge Pro  
71Wh (up to 11.05 hr) battery, Rapid Charge

<sup>4</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<sup>\*</sup>

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>5</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, 120Hz, TCON

<sup>5</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>6</sup>

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

<sup>6</sup>The system dimensions may vary depending on configurations.

### Weight<sup>7</sup>

Starting at 1.7 kg (3.75 lbs)

<sup>7</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<sup>\*</sup>

Gigabit onboard Ethernet

### WLAN + Bluetooth<sup>\* 8</sup>

802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.2 or 5.3  
Up to Intel Wi-Fi 6E AX211, Bluetooth 5.3

<sup>8</sup>Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

### Ports

1x USB-A (USB 5Gbps / USB 3.2 Gen 1)  
1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On  
1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 & DP 1.4  
1x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 3.0 & DP 1.4  
1x HDMI 2.1, up to 4K/60Hz  
1x SD 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 MOC fingerprint reader on smart power button\*  
Camera privacy shutter  
IR camera for Windows Hello\*

## Manageability

### System Management<sup>\* 9</sup>

Intel vPro Essential\*

<sup>9</sup>Intel vPro offers a superset of DASH's defined capabilities

## Certifications

### Green Certifications<sup>10 11 12</sup>

EPEAT Gold Registered  
ENERGY STAR 8.0  
ErP Lot 6  
ErP Lot 26  
TCO Certified 9.0  
RoHS compliant

<sup>10</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>11</sup>EPEAT registration and ENERGY STAR certification are dependent on system OS.

<sup>12</sup>EPEAT is registered where applicable, please see [epeat.net](http://epeat.net) for registration status by country.

### Other Certifications

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