

# ThinkBook 14 G8 IRL

Powered by the refreshed Intel® Core™ processor, the ThinkBook 14 Gen 8 IRL brings a notable boost in performance and efficiency. The integrated Intel Graphics enhance rendering speeds, streamline multitasking and deliver optimized power for demanding applications. Its up to 60Wh battery, up to 64GB memory and up to 2TB of storage simplify managing large datasets, design files, or media libraries—eliminating the need for external drives. Thin, lightweight, and portable, this is the ideal choice for business professionals on the move.



**Redefining possibilities with powerful performance and groundbreaking on-device AI**

Seamlessly connect to essential peripherals like external monitors or projectors- thanks to the full array of Thunderbolt 4, USB-C and USB-A ports. The 14" WUXGA screen comes with 16:10, IPS display and 90% screen-to-body ratio, along with 300 nits of brightness. The Low Blue Light and Eyesafe® certifications protect you from eye strain and reduce fatigue.

The ThinkBook delivers improved performance and battery life with Smart Power and Turbo Boost. These features optimize hardware and software power usage to maximize performance per watt, enabling faster app launches and extended battery life during productivity tasks.

Enterprise-grade security features, including a touch-style fingerprint reader on the power button, an IR camera with a privacy shutter, and a Firmware TPM 2.0 chip, safeguard sensitive data against modern cyber threats—empowering you to tackle every workday with confidence.

## Committed to sustainability.

At Lenovo, we're focused on providing smarter technology that builds a brighter, more sustainable future. Partner with us to implement sustainable, cost-efficient practices spanning the device lifecycle and make a meaningful difference in how you use technology.



### Recycled or Sustainable Product Materials

Lenovo is innovating to increase energy efficiency and use of recycled content in our devices. Our partnership with like-minded technology like Intel® supports our goal towards a brighter, more sustainable future. The ThinkBook 14 Gen 8 IRL is made by incorporating Post Consumer Content (PCC) recycled plastic in various components to ensure that we contribute to the circular economy by repurposing plastic waste.

- Cover Frame with 15% PCC
- Keyboard key caps with 50% PCC
- Battery pack with 25% PCC
- AC Adapter with 90%PCC
- Speaker enclosure with 30%PCC



### Recycled Shipping/Packaging Content

Lenovo is focused on integrating sustainable materials and reducing waste through innovative packaging design. Our commitment to sustainability is reflected in our zero plastic packaging solutions for the ThinkBook 14 Gen 8 IRL that uses materials like bamboo and paper tape.

- FSC carton and accessory box
- Dry-pressed pulp cushion



### Product PCC

Cover Frame- 15% PCC,  
Keyboard key caps- 50%  
PCC, Battery pack- 25%  
PCC, AC Adapter- 90%  
PCC, Speaker enclosure-  
30% PCC

### Lenovo Truscale Device as A Service

TruScale DaaS is a convenient, predictable subscription model with a range of end-to-end services that helps you avoid overprovisioning, reduce TCO, and promote circularity.

### Lenovo Co2 Offset Services

Manage your technology carbon footprint, make tangible contributions to the environment, and support verified climate action projects with easy-to-purchase offsets. Lenovo Co2 Offset Services estimates the carbon emissions across the device lifecycle through a seamless, transparent process.

### Lenovo Premier Support Plus

Elevate the SMB employee IT support experience to enterprise grade with the latest ThinkBook devices alongside Premier Support Plus. AI-powered insights help you do more and waste less. Premier Support Plus delivers seamless advanced support from anywhere with smarter proactive and preventive services.

## 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 Wired VoIP Headset

- Optimized audio comfort
- Lightweight design
- Seamless management



PN: Teams : 4XD1M45626, UC : 4XD1M39028

### ThinkBook Bluetooth Silent Mouse

- Bluetooth mouse with silent buttons for noise-free operation
- Low-profile design suitable for both right-handed and left-handed users
- 4 buttons, 2-way scrolling with easy DPI adjustment: 2400, 1600, 800



PN: 4Y50X88824

# ThinkBook 14 G8 IRL

## Performance

### Processor

13th Generation Intel Core i5 Processor  
Intel U Series Core 3 Processor (Series 1)  
Intel H Series Core 5 / 7 Processor (Series 2)

### Operating System\*

Windows 11 Pro  
Windows 11 Home  
Windows 11 Home Single Language

### Graphics

Intel UHD Graphics  
Intel Graphics (integrated)

### Memory<sup>1</sup>

Up to 64GB DDR5-5600, 2x SO-DIMM

<sup>1</sup>The memory installed on the model with Intel Core 3 100U or Intel Core i5-13420H is actually DDR5-5600 but runs as DDR5-5200 due to platform limitation.

### Storage<sup>2</sup>

Up to 2TB M.2 2280 PCIe NVMe SSD  
(system supports two M.2 slots)

<sup>2</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\*

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

### Battery<sup>3</sup>

45Wh (up to 6.1 hr) battery, Rapid Charge Pro  
60Wh (up to 8.5 hr) battery, Rapid Charge

<sup>3</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

## Design

### Display<sup>4</sup>

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

<sup>4</sup>IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### Keyboard

6-row, spill-resistant, Copilot key, optional backlight

### Touchpad

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

### Dimensions<sup>5</sup>

313.5 x 224 x 17.5 mm (12.34 x 8.82 x 0.69 inches)

<sup>5</sup>The system dimensions may vary depending on configurations.

### Weight<sup>6</sup>

Starting at 1.36 kg (2.99 lbs)

<sup>6</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\*

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

### 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 2.1  
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<sup>7</sup>

Discrete TPM 2.0\*  
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)\*

<sup>7</sup>Discrete TPM 2.0 is for special bid only.

## Certifications

### Green Certifications<sup>8 9 10</sup>

EPEAT Gold Registered  
ENERGY STAR 9.0  
ErP Lot 6/26  
TCO Certified 10.0  
RoHS compliant

<sup>8</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>9</sup>EPEAT registration and ENERGY STAR certification are optional and only available on the models with preload OS.

<sup>10</sup>EPEAT 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)  
MIL-STD-810H