

# ThinkBook 16p G4 IRH

Professionals who travel frequently can also stay productive from anywhere on this 16" notebook. With the latest 13th Generation Intel Core processors, Intel UHD Graphics or Intel Iris Xe Graphics, and discrete NVIDIA GeForce RTX graphics, it delivers next-level computing speed and performance – means users can multitask or open data-heavy files at a blazing fast speed on-the-go. Stay connected with optimum speed with Wi-Fi 6 connectivity.



## 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.

The 16" IPS display with up to 430 nits brightness ensures the images are detailed and everything on the screen is of the highest quality. Attend calls with superior sound quality without any background noise, thanks to the AI-based noise-canceling microphones with Dolby Audio stereo speakers.

Equipped with a range of ports, such as Thunderbolt 4 port for ultra-fast transfer of large files. Connect up to 3 external monitors and other peripherals through onboard HDMI and USB-C ports.

Integrated webcam with privacy cover, dual speakers with Dolby audio, dual-array mics with AI-based noise cancellation technology, all make web conferencing easier and clearer.

## 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

### ThinkBook Wireless Mouse

- 6-button wireless mouse with DPI adjustment: 2400, 1600, 100
- 2-level scroll wheel speed adjustment and dedicated volume controls
- Ergonomic right-handed design with thumb rest



PN: 4Y50V81591

### 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 16p G4 IRH

## Performance

<b>Processor</b> 13th Gen Intel H Series Core i5/ i7 / i9
<b>Operating System</b> Windows 11 Pro Windows 11 Home Windows 11 Home Single Language
<b>Graphics</b> NVIDIA GeForce RTX 4050 NVIDIA GeForce RTX 4060
<b>Memory <sup>1</sup></b> Up to 32GB DDR5-5200 offering, 2x SO-DIMM
<i><sup>1</sup>The max memory is based on the test results with current Lenovo memory offerings.</i>
<b>Storage <sup>2</sup></b> Up to two M.2 PCIe NVMe SSD M.2 2280 SSD up to 1TB
<i><sup>2</sup>The storage capacity supported is based on the test results with current Lenovo storage offerings.</i>
<b>Audio</b> High Definition (HD) Audio 2W x2 woofers and 2W x2 tweeters, Dolby Atmos, sound by harman/kardon Dual-microphone array with noise-cancelling
<b>Camera <sup>*</sup></b> FHD 1080p + IR hybrid, with privacy shutter
<b>Battery <sup>3</sup></b> 80Wh (up to 10.5 hr) battery Rapid Charge Pro
<i><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.</i>
<b>Power Adapter <sup>*</sup></b> 230W slim tip adapter

## Design

<b>Display <sup>4</sup></b> 16" WQXGA (2560x1600) IPS Anti-glare 16:10 - 400nits, 100% sRGB, 60Hz, Dolby Vision, Eyesafe, X-Rite factory color calibration
16" 3.2K (3200x2000) IPS Anti-glare 16:10 - 430nits, 100% DCI-P3, 165Hz, Dolby Vision, Eyesafe, X-Rite factory color calibration
<i><sup>4</sup>IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.</i>
<b>Keyboard</b> 6-row, spill-resistant, numeric keypad Smart sense keyboard backlight
<b>Touchpad</b> Glass surface touchpad 80 x 135 mm (3.15 x 5.31 inches)
<b>Dimensions <sup>5</sup></b> 354.6 x 255 x 19.9 mm (13.96 x 10.04 x 0.78 inches)
<i><sup>5</sup>The system dimensions may vary depending on configurations.</i>
<b>Weight <sup>6</sup></b> Around 2.2 kg (4.85 lbs)
<i><sup>6</sup>The system weight is approximate and may vary depending on configurations</i>
<b>Color</b> Storm grey, dual-tone design
<b>Case material</b> Aluminium (top) Aluminium (bottom)
<b>Special Features</b> AI Chip: LA2-Q

## Connectivity

<b>WLAN + Bluetooth <sup>* 7</sup></b> 802.11ax (Wi-Fi 6 or Wi-Fi 6E) Bluetooth 5.2 or 5.3
<i><sup>7</sup>Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.</i>
<b>Ports</b> 2x USB 3.2 Gen 2 1x USB-C 3.2 Gen 2 (data, PD 3.0 and DP 1.4) 1x Thunderbolt 4 / USB4 40Gbps (data, PD 3.0 and DP 1.4) 1x HDMI 2.1, up to 8K/60Hz 1x SD card reader 1x Headphone / microphone combo jack (3.5mm) 1x Power connector 1x Magic Bay (pogo pin connector)*
<b>Docking</b> Docking support via Thunderbolt or USB-C
<b>Security</b> Firmware TPM 2.0 Kensington Nano Security Slot Touch style MOC fingerprint reader Camera privacy shutter IR camera for Windows Hello (facial recognition)

## Certifications

<b>Green Certifications <sup>8 9 10</sup></b> EPEAT Gold Registered ENERGY STAR 8.0 FSC certified carton ErP Lot 6 ErP Lot 26 TCO Certified 9.0 RoHS compliant Low-VOC
<i><sup>8</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.</i>
<i><sup>9</sup>EPEAT registration and ENERGY STAR certification are dependent on system OS.</i>
<i><sup>10</sup>EPEAT is registered where applicable, please see <a href="https://www.epeat.net">epeat.net</a> for registration status by country.</i>
<b>Other Certifications</b> TÜV Rheinland Low Blue Light (Hardware Solution) Eyesafe Certified MIL-STD-810H

Items with \* are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2024 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.