

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.



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.

Minimal preloaded applications mean maximum battery life and responsiveness for users, and faster deployment for IT admins.

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.

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



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Key Specifications

Processor
13th Gen Intel H Series Core i5 / i7 / i9
Operating System
Windows 11 Pro, Windows 11 Home, Windows 11 Home Single Language
Display
16" WQXGA (2560x1600) IPS Anti-glare 16:10 - 400nits, 100% sRGB, 60Hz, Dolby Vision, Eyesafe, X-Rite Pantone factory color calibration
16" 3.2K (3200x2000) IPS Anti-glare 16:10 - 430nits, 100% DCI-P3, 165Hz, Dolby Vision, Eyesafe, X-Rite Pantone factory color calibration
Touchscreen
Non-touch
Graphics
NVIDIA GeForce RTX 4050NVIDIA GeForce RTX 4060
Memory
Up to 32GB DDR5-5200 offering, 2x SO-DIMM
Storage
Up to two M.2 PCIe NVMe SSD M.2 2280 SSD up to 1TB
Audio
High Definition (HD) Audio 2W x2 woofers and 2W x2 tweeters, Dolby Atmos, sound by harman/kardon Dual-microphone array with noise-cancelling
Battery[†]
80Wh (up to 10.5 hr) batteryRapid Charge Pro
Power Adapter
230W Slim Tip (3-pin)
Camera
FHD 1080p + IR Hybrid with Privacy Shutter
Keyboard
6-row, spill-resistant, numeric keypad Smart sense keyboard backlight Glass surface touchpad 80 x 135 mm (3.15 x 5.31 inches)
Dimensions
354.6 x 255 x 19.9 mm (13.96 x 10.04 x 0.78 inches)
Weight
Around 2.2 kg (4.85 lbs)

Green Certifications

EPEAT Gold, ENERGY STAR 8.0, FSC certified carton, ErP Lot 6, ErP Lot 26, TCO Certified 9.0, RoHS compliant, Low-VOC

Other Certifications

MIL-STD-810H military test passed

Connectivity

I/O Ports

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, up to 8K/60Hz, 1x SD card reader, 1x Headphone / microphone combojack (3.5mm), 1x Power connector, Optional 1x Magic Bay (pogo pin connector)

WLAN + Bluetooth

One of the following

Wi-Fi 6, 11ax 2x2 + BT5.1

Wi-Fi 6E, 11ax 2x2 + BT5.1

Docking

Various docking solutions supported via Thunderbolt or USB-C.

Security & Privacy

Fingerprint Reader
IR Camera with Windows Hello
Firmware TPM 2.0
Kensington Nano Security Slot
Touch style MOC fingerprint reader
Camera privacy shutter
IR camera for Windows Hello

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. †Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors. © 2023 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.