

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 offers a comprehensive portfolio of end-to-end services to support and protect your investment - so you can focus on learning, not IT.



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

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 4050/NVIDIA 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) battery Rapid 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