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 combo jack (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