

ThinkBook 16p G5 IRX

PERFORMANCE

- Processor
- Intel® Core™ i9-14900HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.8GHz, E-core 1.6 / 4.1GHz, 36MB
- Graphics
- NVIDIA® GeForce RTX™ 4060 8GB GDDR6
- Chipset
- Intel® HM770 Chipset
- Memory
- 2x 16GB SO-DIMM DDR5-5600
- Memory Slots
- Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[1]
- Up to 32GB DDR5-5600 offering
- Storage
- 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Storage Support^[2]
- Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 2TB each
- Storage Slot
- Two M.2 2280 PCIe® 4.0 x4 slots
- Card Reader
- SD Card Reader
- Optical
- None
- Audio Chip
- High Definition (HD) Audio, Realtek® ALC3306-CG codec
- Speakers
- Stereo speakers, 2W x2 woofers and 2W x2 tweeters, Dolby Atmos®, sound by harman/kardon
- Camera
- FHD 1080p + IR Hybrid with Privacy Shutter
- Microphone
- 2x, Array
- Battery
- Integrated 80Wh
- Power Adapter
- 300W Slim Tip (3-pin)
- Special Features
- AI Chip: LA3
 - Modern Standby

DESIGN

- Display^[3]
- 16" 3.2K (3200x2000) IPS 430nits Anti-glare, 100% DCI-P3, 165Hz, Dolby Vision®
- Touchscreen
- None

- Color Calibration
- Factory Color Calibration
- Keyboard
- Backlit, English
- Touchpad
- Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)
- Case Color
- Storm Grey
- Surface Treatment
- Anodizing Sandblasting
- Case Material
- Aluminium (Top), Aluminium (Bottom)
- Pen
- Pen Not Supported
- Dimensions (WxDxH)^[4]
- 354.6 x 258.2 x 19.9 mm (13.96 x 10.17 x 0.78 inches)
- Weight^[5]
- Starting at 2.2 kg (4.85 lbs)
- SOFTWARE
- Operating System
- Windows® 11 Pro, Polish
- Bundled Software
- Office Trial
- CONNECTIVITY
- Ethernet
- No Onboard Ethernet
- WLAN + Bluetooth^[6]
- Wi-Fi® 6E, 802.11ax 2x2 + BT5.3
- WWAN
- Non-WWAN
- Standard Ports
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
 - 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
 - 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
 - 1x HDMI® 2.1, up to 8K/60Hz
 - 1x Headphone / microphone combo jack (3.5mm)
 - 1x SD card reader
 - 1x Power connector
- Optional Ports (configured)
- 1x Magic Bay (Pogo Pin Connector)
- Docking
- Various docking solutions supported via Thunderbolt™. For more compatible docking solutions, please visit [Docking for ThinkBook® 16p G5 IRX](#)

SECURITY & PRIVACY

- Security Chip
- Firmware TPM 2.0 Enabled
- Fingerprint Reader
- Touch Style, Match-on-Chip, Integrated in Power Button
- Physical Locks
- Kensington® Nano Security Slot™, 2.5 x 6 mm
- Other Security
- Camera privacy shutter
 - IR camera for Windows® Hello (facial recognition)

SERVICE

- Base Warranty
- 1-year, Courier or Carry-in
- Included Upgrade
- 3Y Onsite upgrade from 1Y Courier/Carry-in Windchill (CPN), CO2 Offset 0.5 ton (2nd Gen) TP WHB (CPN)

ACCESSORIES

- Bundled Accessories^[7]
- Lenovo® Magic Bay Light

CERTIFICATIONS

- Green Certifications^[8]
- ENERGY STAR® 8.0
 - EPEAT™ Gold Registered
 - ErP Lot 6/26
 - RoHS compliant
 - TCO Certified 9.0
- Other Certifications
- Eyesafe® Certified 2.0
 - TÜV Rheinland® Low Blue Light (Hardware Solution)

- Mil-Spec Test
- MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	Announce Date	: 2024-03-22
EAN / UPC / JAN	: 198153267460	End of Support	: 2030-10-22

Note:

[1] The max memory is based on the test results with current Lenovo memory offerings.

[2] 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 from current Lenovo storage offerings.

[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

[4] The system dimensions may vary depending on configurations.

[5] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2444?M=21N5001RPB>

Premier Support - A direct 24x7x365 line to our most elite technicians.

Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

Comprehensive hardware & OEM software support

Priority on service delivery and repair parts

Single point of contact for simplified end-to-end case management

Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

ThinkPad Universal USB-C Dock

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

Recommended Services

BEST	5Y Onsite upgrade from 3Y Onsite (5WS0K27117)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36133)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26637)

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

PSREF
Product Specifications
Reference