ThinkBook 16p G5 IRX 21N5001PPB





The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

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

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- 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

Recommended Accessories

Poland



Lenovo Wired VoIP Headset 5000 (Teams)

4XD1R88995



Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black-Polish

4X31R64478



Lenovo Select Targus 16-inch Mobile Elite Backpack

4X41W54716

>> View More Accessories

Recommended Services

Best

4Y Premier Support Upgrade from 3Y Onsite (5WS0T36133)

Better

5Y Onsite upgrade from 3Y Onsite (5WS0K27117)

Good

3Y Premier Support Upgrade from 3Y Onsite (5WS0U26637)

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PERFORMANCE

Processor
Intel Core™ i5-14500HX, 14C (6P + 8E) / 20T, P-core 2.6 / 4.9GHz, E-core 1.9 / 3.5GHz, 24MB

Graphics
NVIDIA GeForce RTX™ 4050 6GB GDDR6

Chipset
Intel® HM770 Chipset

Memory
2x 8GB SO-DIMM DDR5-5600

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory[1]
Up to 32GB DDR5-5600 offering

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Slot
Two M.2 2280 PCIe® 4.0 x4 slots

Max Storage Support[2]
Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 2TB each

Optical
None

Card Reader
SD Card Reader

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

Microphone
2x, Array

Camera
FHD 1080p + IR Hybrid with Privacy Shutter

Battery
80Wh

Power Adapter
230W Slim Tip (3-pin)

Special Features
- AI Chip: LA3
- Modern Standby

DESIGN

Display[3]
16" WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB, 60Hz, Dolby Vision®

Touchscreen
None

Screen-to-Body Ratio
93%

Color Calibration
X-Rite® Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, English

Touchpad
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

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)

Case Color
Storm Grey

Case Material
Aluminium (Top), Aluminium (Bottom)

Surface Treatment
Anodizing Sandblasting

SOFTWARE

Operating System
Windows® 11 Pro, Polish

Bundled Software
Office Trial

CONNECTIVITY

WLAN + Bluetooth[6]
Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

WWAN
Non-WWAN

Ethernet
No Onboard Ethernet

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)
None

Docking
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit Docking for ThinkBook® 16p G5 IRX

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled

Physical Locks
Kensington Nano Security Slot™, 2.5 x 6 mm

Fingerprint Reader
Touch Style, Match-on-Chip, Integrated in Power Button

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
None

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- EPEAT Gold Registered[7]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 9.0

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

Other Certifications
- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 198153267477
Announce Date	: 2025-03-07	**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.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.
- To view full note details, please visit the web page.