

ThinkBook 16p G5 IRX

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 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	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

Color Calibration	Factory Color Calibration
Keyboard	Backlit, Hebrew
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, Hebrew / English
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™. 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)

ACCESSORIES

Bundled Accessories	None
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CERTIFICATIONS

Green Certifications^[7]	- 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	: 2025-03-07
EAN / UPC / JAN	: 197530342998	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=2IN5000WIV>

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 Premier Support Upgrade from 3Y Onsite (5WS0T36176)
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