

PERFORMANCE

Processor

Intel® Core™ i9-13900H, 14C (6P + 8E) / 20T, P-core 2.6 / 5.4GHz, E-core 1.9 / 4.1GHz, 24MB

Graphics

NVIDIA® GeForce RTX™ 4060 8GB GDDR6

Chipset

Intel® SoC Platform

Memory

2x 16GB SO-DIMM DDR5-5200

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[1]

Up to 32GB DDR5-5200 offering

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support^{[2][3]}

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 1TB

Storage Slot

Two M.2 slots

- One M.2 2242 PCIe® 4.0 x4 slot
- One M.2 2280 PCIe® 4.0 x4 slot

Card Reader

SD Express 7.0 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, Smart Amplifier (AMP)

Camera

FHD 1080p + IR Hybrid with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 80Wh

Power Adapter

230W Slim Tip (3-pin)

Special Features

AI Chip: LA2-Q

DESIGN

Display^[4]

16" 3.2K (3200x2000) IPS 430nits Anti-glare, 100% DCI-P3, 165Hz, Dolby® Vision®

Color Calibration

Factory Color Calibration

Keyboard

Backlit, Turkish

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)

Dimensions (WxDxH)^[5]

354.6 x 255 x 19.9 mm (13.96 x 10.04 x 0.78 inches)

Weight^[6]

Around 2.2 kg (4.85 lbs)

CONNECTIVITY

Ethernet^[7]

No Onboard Ethernet

WLAN + Bluetooth^{[8][9]}

Wi-Fi® 6E, 11ax 2x2 + BT5.3

Standard Ports

- 2x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 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™ or USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkBook 16p G4 IRH](#)

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

- IR camera for Windows® Hello (facial recognition)
- Camera privacy shutter

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in WHB (CPN)

ACCESSORIES

Bundled Accessories^[10]

Lenovo® Magic Bay Light

CERTIFICATIONS

Green Certifications

- ErP Lot 6
- ErP Lot 26
- FSC certified package
- RoHS compliant
- TCO Certified 9.0
- Volatile Organic Compound Certification

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** : 2023-07-16

EAN / UPC / JAN : 197532389809 **End of Support** : 2029-11-14

Note:

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

^[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.

^[3] The system supports dual SSD via two M.2 slots, but Lenovo only offers one SSD configuration, another SSD slot for user self-extension.

^[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

^[5] The system dimensions may vary depending on configurations.

^[6] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

^[7] Ethernet support via optional Lenovo USB-C to Ethernet Adapter.

^[8] Bluetooth may operate at a lower version than hardware.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2221?M=21J8003CTR>

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
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

- The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...

ThinkPad Universal USB-C Dock

40AY0090US

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 ...

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

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PSREF
Product Specifications
Reference