

## 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<sup>[1]</sup>

Up to 32GB DDR5-5600 offering

### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Storage Support<sup>[2]</sup>

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 2TB

### 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<sup>[3]</sup>

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

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

Backlit, Spanish

### 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)<sup>[4]</sup>

354.6 x 258.2 x 19.9 mm (13.96 x 10.17 x 0.78 inches)

### Weight<sup>[5]</sup>

Starting at 2.2 kg (4.85 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, Spanish

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

No Onboard Ethernet

### WLAN + Bluetooth<sup>[6]</sup>

Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

### 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

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

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

1Y Premier WHB (CPN)

## ACCESSORIES

### Bundled Accessories

Lenovo® Magic Bay Light

## CERTIFICATIONS

### Green Certifications<sup>[7]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6
- ErP Lot 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** : 197530344657 **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 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.

[6] Wi-Fi 6E full features might be limited by country-level.....

• Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2444?M=21N50011SP>

## 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

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 ...

## Recommended Services

BEST	3Y Premier Support Plus upgrade from 1Y Premier Support (5WS1L39550)
BETTER	3Y Lenovo Protect (Premier Support + ADP + KYD + International Upg) (5PS1J31180)
GOOD	3Y Premier Support upgrade from 1Y Premier Support (5WS1B38519)

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

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**PSREF**  
Product Specifications  
Reference