

## PERFORMANCE

### Processor

Intel® Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core 2.1 / 4.6GHz, E-core 1.5 / 3.4GHz, 12MB

### Graphics

Integrated Intel® UHD Graphics

### Chipset

Intel® SoC Platform

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

1x 16GB SO-DIMM DDR5-5200

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory<sup>[2]</sup>

Up to 64GB DDR5-5200

### Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

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

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB
- 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® ALC3287 codec

### Speakers

Stereo speakers, 2W x2, Dolby Audio™

### Camera

FHD 1080p + IR Hybrid with Privacy Shutter

### Microphone

2x, Array

### Battery

71Wh

### Power Adapter

65W USB-C® (3-pin)

### Special Features

Modern Standby

## DESIGN

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

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC

### Touchscreen

None

### Keyboard

Backlit, English (UK)

### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

### Case Color

Arctic Grey

### Surface Treatment

Anodizing Sandblasting

### Case Material

Aluminium (Top), PC-ABS (Bottom)

### Pen

Pen Not Supported

### Dimensions (WxDxH)<sup>[5]</sup>

356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

### Weight<sup>[6]</sup>

Starting at 1.7 kg (3.75 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, English

### Bundled Software

Office Trial

## CONNECTIVITY

### WLAN + Bluetooth<sup>[7][8]</sup>

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

### WWAN

Non-WWAN

### Ethernet

100/1000M (RJ-45)

### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 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 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x SD card reader

### Docking

Various docking solutions supported via Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkBook® 16 G6 IRL](#)

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Fingerprint Reader

Touch Style, 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)

## MANAGEABILITY

### System Management

Non-vPro®

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

1Y Premier WHB (CPN)

## ACCESSORIES

### Bundled Accessories

None

## CERTIFICATIONS

### Green Certifications<sup>[9]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- FSC certified package
- RoHS compliant
- TCO Certified 9.0

### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

### Mil-Spec Test

MIL-STD-810H military test passed

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2024-05-10
<b>EAN / UPC / JAN</b>	: 198154181185	<b>End of Support</b>	: 2030-03-14

### Note:

[1] Installed memory is actually DDR5-5600 but run as DDR5-5200 due to platform limitation.

[2] Maximum memory is only to test technical readiness of notebook.

Available memory to sell would vary.

[3] The max storage capacity is only technical readiness and may be different from current Lenovo storage offerings.

[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 reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2339?M=21KH00QYUK>

## 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## 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 ...



### 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...

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference