

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

1x 16GB SO-DIMM DDR5-5200

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[1]

Up to 64GB DDR5-5200

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support^[2]

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 with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 71Wh

Power Adapter

65W USB-C® (3-pin)

Special Features

Modern Standby

DESIGN

Display^[3]

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

Touchscreen

None

Keyboard

Non-backlit, Belgian

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)

Dimensions (WxDxH)^[4]

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

Weight^[5]

Starting at 1.7 kg (3.75 lbs)

SOFTWARE

Operating System

Windows® 11 Pro, Benelux (EN/FR/DE/NL)

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth^[6]^[7]

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

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

MANAGEABILITY

System Management

Non-vPro®

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

2Y Depot Upgrade From 1Y Depot WHB(CPN)

ACCESSORIES

Bundled Accessories^[8]

None

CERTIFICATIONS

Green Certifications^[9]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6
- ErP Lot 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

TopSeller : Yes **Announce Date** : 2024-06-14

EAN / UPC / JAN : 198154581268 **End of Support** : 2030-03-14

Note:

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

Available memory to sell would vary.

[2] 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] Bluetooth may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

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

[8] For more compatible accessory solutions, please visit

• [Lenovo reserves the right to change specifications without notice.](#)

To see more note information, please link to

<https://psref.lenovo.com/Detail/2339?M=21KH00TFMB>

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	4Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86619)
BETTER	3Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86701)
GOOD	3Y Onsite upgrade from 2Y Depot/CCI (5WS0W86640)

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



PSREF
Product Specifications
Reference