

**PERFORMANCE****Processor**

Intel® Core™ i9-13900H, 14C (6P + 8E) / 20T, P-core up to 5.4GHz, E-core up to 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**

Up to 32GB DDR5-5200 offering

**Storage**

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

**Storage Support<sup>(1)</sup>**

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

**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, Smart Amplifier (AMP)

**Camera**

FHD 1080p + IR Hybrid with Privacy Shutter

**Microphone**

2x, Array

**Battery**

Integrated 80Wh

**Max Battery Life**

MobileMark® 2018: 10.5 hr

Local video (1080p) playback@150nits: 18 hr

**Power Adapter**

230W Slim Tip (3-pin)

**Special Features**

AI Chip: LA2-Q

**DESIGN****Display**

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

**Touchscreen**

None

**Color Calibration**

Factory Color Calibration

**Keyboard**

Backlit, German

**Case Color**

Storm Grey

**Surface Treatment**

Anodizing Sandblasting

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**Dimensions (WxDxH)**

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

**Weight**

Around 2.2 kg (4.85 lbs)

**SOFTWARE****Operating System**

Windows® 11 Pro, German

**Bundled Software**

Office Trial

**CONNECTIVITY****Ethernet**

No Onboard Ethernet

**WLAN + Bluetooth®**

Wi-Fi® 6E, 11ax 2x2 + BT5.1

**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®, up to 8K/60Hz
- 1x SD card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

**Optional Ports (configured)**

1x Magic Bay (Pogo Pin Connector)

**SECURITY & PRIVACY****Security Chip**

Firmware TPM 2.0

**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

**MANAGEABILITY****SERVICE****Base Warranty**

1-year, Courier or Carry-in

**Included Upgrade**

None

**ACCESSORIES****Bundled Accessories**

Lenovo® Magic Bay Light

**CERTIFICATIONS****Green Certifications**

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

**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** : 2023-05-04

**EAN / UPC / JAN** : 197529727553 **End of Support** : 2029-11-14

To see more note information, please link to

[https://psref.lenovo.com/Detail/ThinkBook\\_16p\\_G4\\_IRH?M=21J80023GE](https://psref.lenovo.com/Detail/ThinkBook_16p_G4_IRH?M=21J80023GE).

## 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 Services

|        |                                                                   |
|--------|-------------------------------------------------------------------|
| BEST   | 2Y Premier Support Upgrade from 1Y Courier/Carry-in (5WSOT36187)  |
| BETTER | 2Y Onsite upgrade from 1Y Courier/Carry-in (5WS0A23747)           |
| GOOD   | 2Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0A23781) |

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



**PSREF**  
Product Specifications  
Reference