

PERFORMANCE

**Processor**  
Intel® Core™ Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB

**AI PC Category**  
AI-Ready Workstations

**NPU**  
Integrated Intel® AI Boost, up to 13 TOPS

**Graphics**  
NVIDIA® RTX PRO 500 Blackwell Generation 6GB GDDR7 Laptop GPU

**Chipset**  
Intel® SoC Platform

**Memory**  
2x 16GB SODIMM DDR5-5600 Non-ECC

**Memory Slots**  
Two DDR5 SODIMM / CSODIMM slots, dual-channel capable

**Max Memory**  
Up to 96GB (2x 48GB DDR5 CSODIMM)

**Storage**  
1TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe® Opal 2.0

**Storage Slot**  
Two M.2 2280 PCIe® 4.0 x4 slots

**Max Storage Support**<sup>[1]</sup>  
Up to two M.2 2280 Gen 5 Performance SSD; up to 4TB total, 2TB each

**Card Reader**  
SD Express 7.0 Card Reader

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**  
Stereo speakers, 2W x2, Dolby Audio™

**Microphone**  
2x, Array

**Camera**  
5.0MP + IR with Privacy Shutter and Human Presence Detection

**Battery**  
90Wh

**Power Adapter**  
140W USB-C® GaN (3-pin)

**DESIGN**

**Display**  
16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz, TÜV Low Blue Light

**Screen-to-Body Ratio**  
87.7%

**Color Calibration**  
AICCIP Color Calibration

**Pen**  
Pen Not Supported

**Keyboard**  
Backlit, German

**Dimensions (WxDxH)**<sup>[2]</sup>  
361.5 x 248.6 x 12.8 / 19.55 (front / rear), 26.3 (maximum) mm  
14.23 x 9.79 x 0.50 / 0.77 (front / rear), 1.04 (maximum) inches

**Weight**<sup>[3]</sup>  
Around 2.1 kg (4.6 lbs)

**Case Color**  
Black

**Case Material**  
Aluminium (Top), PC-ABS (Bottom)

**SOFTWARE**

**Operating System**  
Windows® 11 Pro, German

**Bundled Software**  
Lenovo® AI Now

**CONNECTIVITY**

**WLAN + Bluetooth®**  
Intel® Wi-Fi® 7 BE201, 802.11be 2x2 + BT5.4

**WWAN**  
WWAN Upgradable to 5G

**Ethernet**  
100/1000M (RJ-45)

**Standard Ports**

- 2x Thunderbolt™ 4, with USB PD 3.1, 140W input / 15W output
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (GbE RJ-45)
- 1x SD Express 7.0 card reader
- 1x Security keyhole

**Optional Ports (configured)**  
1x Nano-SIM Card Slot

**SECURITY & PRIVACY**

**Security Chip**  
Discrete TPM 2.0 Enabled

**Physical Locks**  
Kensington® Nano Security Slot™, 2.5 x 6 mm

**Fingerprint Reader**  
Touch Style, Match-on-Chip, Integrated in Power Button

**Other Security**

- Bottom cover tamper detection
- Camera privacy shutter
- Ultrasonic Human Presence Detection for IR camera
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

**System Management**  
Non-vPro®

**SERVICE**

**Base Warranty**  
3-year, Courier or Carry-in with 1-year Battery

**Included Upgrade**  
1Y Premier Support from 3Y Depot Windchill bundles (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

CERTIFICATIONS

**ISV Certifications**  
Please visit [ISV certifications for Lenovo® Workstations](#)

**Green Certifications**

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified 10.0

**Mil-Spec Test**  
MIL-STD-810H military test passed

**Other Certifications**  
TÜV Rheinland® Low Blue Light

MODEL

|                        |                 |                       |              |
|------------------------|-----------------|-----------------------|--------------|
| <b>TopSeller</b>       | : Yes           | <b>Announce Date</b>  | : 2025-08-26 |
| <b>EAN / UPC / JAN</b> | : 0199271693827 | <b>End of Support</b> | : 2032-03-28 |

Note:

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

[2] The system dimensions may vary depending on configurations.

[3] 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.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

## 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 ...



### 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...

Please click [here](#) to view the full list of accessories.

**Lenovo**

**PSREF**  
Product Specifications  
Reference