



PERFORMANCE

Processor
AMD Ryzen™ AI 9 HX PRO 370 (12C / 24T, 2.0 / 5.1GHz, 12MB L2 / 24MB L3)

AI PC Category
Copilot+ PC, AI-Ready Workstations

NPU
Integrated AMD Ryzen™ AI, up to 50 TOPS

Graphics
Integrated AMD Radeon™ 890M Graphics

Chipset
AMD SoC Platform

Memory
2x 48GB SODIMM DDR5-5600 Non-ECC

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

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

Storage
1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Storage Slot
One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support^[1]
One drive, up to 2TB M.2 2280 SSD

Card Reader
No card reader

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

Speakers
Stereo speakers, 2W x2, Dolby Atmos®

Microphone
2x, Array

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

Battery
86Wh

Power Adapter
65W USB-C® (3-pin)

DESIGN

Display
16'' WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, Low Power, Eyesafe®, UL Low Blue Light

Touchscreen
None

Color Calibration
AICCP Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, German

Dimensions (WxDxH)^[2]
359.70 x 251.70 x 11.80/18.14 (front/rear), 23.65 (maximum) mm;
14.16 x 9.91 x 0.47/0.71 (front/rear), 0.93 (maximum) inches

Weight^[3]
Starting at 1.71 kg (3.77 lbs)

Case Color
Black

Case Material
PC + 20% CF + 50% GF + 30% PCC (Top), PC + 40% GF + 45% PCC (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, German

Bundled Software
Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth
MediaTek Wi-Fi® 7 MT7925, 802.11be 2x2 + BT5.4

WWAN
WWAN Upgradable to 5G

Ethernet
100/1000M (RJ-45)

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with PD 3.0 and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (GbE RJ-45)
- 1x Security keyhole

Optional Ports (configured)

- 1x Smart Card Reader
- 1x Nano-SIM Card Slot

Docking
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad P16s Gen 4 \(AMD\)](#)

SECURITY & PRIVACY

Security Chip
Microsoft® Pluton TPM 2.0 Enabled

Physical Locks

Kensington® Nano Security Slot, 2.5 x 6 mm

Smart Card Reader
Smart Card Reader

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

Other Security

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

MANAGEABILITY

System Management
AMD PRO Manageability

SERVICE

Base Warranty
3-year, Courier or Carry-in

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

ACCESSORIES

CERTIFICATIONS

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

Green Certifications

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered^[4]
- RoHS compliant
- TCO Certified, generation 10

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

Other Certifications

- UL Low Blue Light
- Eyesafe® Certified 2.0

MODEL

TopSeller : Yes **EAN / UPC / JAN:** 0199274200107
Announce Date: 2025-12-13 **End of Support** : 2031-11-22

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- 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.

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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



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams) 4XD1S19778



Lenovo 15.6 Laptop Everyday Backpack B510-ROW 4X41U80414



Lenovo 16-inch Premium Clarity Privacy Filter for P16/T16 Gen1 (16:10) 4XJ1U03940

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



PSREF
Product Specifications
Reference