

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 32GB 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

100W USB-C® Slim (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, English

Dimensions (WxDxH)^[2]

359.70 x 251.70 x 11.80/18.14 (front/rear), 23.5 (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 + 20% CF + 30% PCC (Bottom)

SOFTWARE

Operating System

Windows® 11 Pro, English (US) / English (UK)

Bundled Software

Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth

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

WWAN

Non-WWAN

SIM Card

None

Ethernet

100/1000M (RJ-45)

NFC

None

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

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

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 (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

3Y Premier Support Upgrade from 3Y Courier/Carry-in, 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: 198157869561

Announce Date: 2025-04-24 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.



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

 United Kingdom



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



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



Lenovo Legion 17" Gaming Backpack GB800 (Light Gray) GX41U39300

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

Lenovo

PSREF

Product Specifications Reference