



PERFORMANCE

Processor
Intel® Core Ultra 9 285H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.4GHz, 24MB

AI PC Category
AI-Ready Workstations

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics
Integrated Intel® Arc™ 140T GPU^[1]

Chipset
Intel® SoC Platform

Memory
2x 32GB 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
One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support^[2]
Up to one 2TB M.2 2280 Gen 5 Performance SSD

Card Reader
No 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
75Wh

Power Adapter
100W USB-C® Slim (3-pin)

DESIGN

Display
16'' WQUXGA (3840x2400) OLED 400nits Anti-reflection / Anti-smudge, 100% DCI-P3, Dolby Vision®, Eyesafe®, TÜV Low Blue Light, Touch

Touchscreen
Add-on Film Touch, 10-point Multi-touch

Screen-to-Body Ratio

88%

Color Calibration
X-Rite® Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, English (EU)

Dimensions (WxDxH)^[3]
361.5 x 248.6 x 12.6 / 18.17 (front / rear), 25.35 (maximum) mm 14.24 x 9.79 x 0.49 / 0.71 (front / rear), 1.00 (maximum) inches

Weight^[4]
Starting at 1.82 kg (4.01 lbs)

Case Color
Black

Case Material
Aluminium (Top), Aluminium (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, Romanian / English

Bundled Software
Intel® Connectivity Performance Suite + Lenovo® AI Now

CONNECTIVITY

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

WWAN
Non-WWAN

Ethernet
100/1000M (RJ-45), vPro®

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 Thunderbolt™ 4, with USB PD 3.0
• 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

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

SECURITY & PRIVACY

Security Chip
Discrete 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
• Ultrasonic Human Presence Detection for IR camera
• IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management
Intel® vPro® Enterprise

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)

ACCESSORIES

CERTIFICATIONS

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

Green Certifications
• ENERGY STAR® 9.0
• EPEAT™ Gold Registered
• RoHS compliant
• TCO Certified, generation 10

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

Other Certifications
• Eyesafe® Certified 2.0
• TÜV Rheinland® Low Blue Light

MODEL

TopSeller : Yes **EAN / UPC / JAN**: 0199271747629
Announce Date: 2025-09-04 **End of Support** : 2032-04-04
· 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



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



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



Lenovo Yoga Bluetooth Silent Mouse (Seashell) GY51S61925

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



PSREF

Product Specifications Reference