



PERFORMANCE

Processor
Intel Core™ Ultra 9 275HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.4GHz, 36MB Intel® Smart Cache

AI PC Category
AI-Ready Workstations

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics
NVIDIA® RTX PRO 4000 Blackwell Generation 16GB GDDR7 Laptop GPU

Chipset
Intel® WM880 Chipset

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

Memory Slots
Four DDR5 SODIMM slots, dual-channel capable

Max Memory
• Models with ECC memory: Up to 128GB (4x 32GB SODIMM DDR5-5600 ECC)
• Models with Non-ECC memory: Up to 192GB (4x 48GB SODIMM DDR5-5600 Non-ECC)

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

Storage Slot
Three M.2 slots • One M.2 2280 PCIe® 5.0 x4 slot • Two M.2 2280 PCIe® 4.0 x4 slots

Max Storage Support^[1]
Up to three M.2 2280 Gen 5 Performance SSD; up to 12TB, 4TB each

Card Reader
SD Express 8.0 Card Reader

Audio Chip
SoundWire®, Cirrus Logic® CS42L43 codec

Speakers
Stereo speakers, 2W x2, Dolby Atmos®

Microphone
2x, Array

Camera
5.0MP + IR with Privacy Shutter and Computer Vision Human Presence Detection on ISP

Battery
99.9Wh

Power Adapter
180W USB-C® GaN (3-pin)

DESIGN

Display

16" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz, Low Power, Eyesafe®, TÜV Low Blue Light

Screen-to-Body Ratio
82%

Color Calibration
X-Rite® Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, German

Dimensions (WxDxH)^[2]
362 x 252 x 15.8 / 20.9 (front / rear), 29.8 (maximum) mm 14.25 x 9.92 x 0.62 / 0.82 (front / rear), 1.17 (maximum) inches

Weight^[3]
Starting at 2.54 kg (5.6 lbs)

Case Color
Black

Case Material
Aluminium (Top), Aluminium (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, German

Bundled Software
Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4

WWAN
WWAN Upgradable to 5G

SIM Card
No physical SIM card inbox

Ethernet
1x 2.5GbE RJ-45

NFC
No NFC

Standard Ports
• 1x Kensington Nano Security Slot™
• 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
• 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
• 2x Thunderbolt™ 5, with DisplayPort™ 2.1 and USB PD 3.1, 180W input / 15W output
• 1x Thunderbolt™ 4, with DisplayPort™ 2.1 and USB PD 3.1, 180W input / 15W output
• 1x HDMI® 2.1, up to 8K/60Hz
• 1x Headphone / microphone combo jack (3.5mm)
• 1x Ethernet (2.5GbE RJ-45)

• 1x SD Express 8.0 card reader

Optional Ports (configured)
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® P16 Gen 3](#)

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0 Enabled

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

Smart Card Reader
No Smart Card Reader

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

Other Security
• Camera privacy shutter (camera models)
• Computer Vision-based User Presence Sensing on Image Signal Processor (ISP)

MANAGEABILITY

System Management
Non-vPro®

SERVICE

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

Included Upgrade
3Y Premier TP WS WHB (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: 0199274156145
Announce Date: 2025-12-09 End of Support : 2032-04-09

• 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](#).

 Advanced technical support,
24x7x365, in more than 100 markets

 Comprehensive hardware & OEM
software support

 Single point of contact for simplified
end-to-end case management

 Technical Account Managers for
proactive relationship and escalation
management

 Priority on service delivery and repair
parts

 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 States of America



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



Lenovo Self-Charging Bluetooth Keyboard-
French Canadian 058 4Y41R69498

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

Recommended Services

BEST	5Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94139)
BETTER	3Y Premier Support Plus for AIPC upgrade from 3Y Premier Support (5WS1U94109)
GOOD	4Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94138)



PSREF
Product Specifications
Reference