

PERFORMANCE

- Processor**
Intel® Core™ Ultra 9 275HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.4GHz, 36MB
- AI PC Category**
AI-Ready Workstations
- NPU**
Integrated Intel® AI Boost, up to 13 TOPS
- Graphics**
NVIDIA® RTX PRO 5000 Blackwell Generation 24GB GDDR7 Laptop GPU
- Chipset**
Intel® WM880 Chipset
- Memory**
2x 48GB SODIMM DDR5-5600 Non-ECC
- Memory Slots**
Four DDR5 SO-DIMM slots, dual-channel capable
- Max Memory**
- Models with ECC memory: Up to 128GB (4x 32GB SO-DIMM DDR5-5600 ECC)
 - Models with Non-ECC memory: Up to 192GB (4x 48GB SO-DIMM DDR5-5600 Non-ECC)
- Storage**
2TB 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**
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" 3.2K (3200x2000) Tandem OLED 600nits Anti-glare / Anti-reflection / Anti-smudge, 100% DCI-P3, 40-120Hz, DisplayHDR™ 600, Dolby Vision®, Eyesafe®, TÜV Low Blue Light, Touch
- Touchscreen**
Add-on Film Touch, 10-point Multi-touch
- Screen-to-Body Ratio**
82%
- Color Calibration**
X-Rite® Factory Color Calibration
- Pen**
Lenovo® Yoga® Pen
- Keyboard**
Backlit, German
- Dimensions (WxDxH)**
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**
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**
Non-WWAN
- Ethernet**
1x 2.5GbE RJ-45
- Standard Ports**
- 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 USB PD 3.1, 180W input / 15W output
 - 1x Thunderbolt™ 4, with 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

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**
- 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)

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	Announce Date	: 2025-09-22
EAN / UPC / JAN	: 0199271683064	End of Support	: 2032-04-09

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 Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

Recommended Services

BEST	5Y Premier Support upgrade from 3Y Premier Support (5WS0W86655)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86674)

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



PSREF
Product Specifications
Reference