

## PERFORMANCE

### Processor

Intel® Core™ Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB

### AI PC Category

AI-Ready Workstations

### NPU

Integrated Intel® AI Boost, up to 13 TOPS

### Graphics

NVIDIA® RTX PRO 3000 Blackwell Generation 12GB GDDR7 Laptop GPU

### Chipset

Intel® WM880 Chipset

### Memory

2x 32GB 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

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

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, Italian

### 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, WE (EN/FR/DE/NL/IT)

### 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

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2025-09-22
<b>EAN / UPC / JAN</b>	: 0199271684528	<b>End of Support</b>	: 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	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)
GOOD	3Y Accidental Damage Protection Add On (5PS0V07049)

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

