

## PERFORMANCE

### Processor

Intel® Core Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache

### AI PC Category

AI-Ready Workstations

### NPU

Integrated Intel® AI Boost, up to 13 TOPS

### Graphics

Integrated Intel® Arc™ 140T GPU Functions as Intel Graphics

### Chipset

Intel® SoC Platform

### Memory

1x 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

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

### Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

### Max Storage Support<sup>[1]</sup>

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

57Wh

### Power Adapter

100W USB-C® Slim (3-pin)

## DESIGN

### Display

14.5" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz, Eyesafe®, TÜV Low Blue Light, Touch

### Touchscreen

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

### Screen-to-Body Ratio

88%

### Color Calibration

AICCP Color Calibration

### Pen

Pen Not Supported

### Keyboard

Backlit, English

### Dimensions (WxDxH)<sup>[2]</sup>

325.5 x 227.6 x 11.2 / 15.1 (front / rear), 21.7 (maximum) mm 12.81 x 8.96 x 0.44 / 0.59 (front / rear), 0.85 (maximum) inches

### Weight<sup>[3]</sup>

- Models with integrated graphics | Starting at 1.60 kg (3.53 lbs)
- Models with discrete graphics | Starting at 1.64 kg (3.61 lbs)

### Case Color

Black

### Case Material

Aluminium (Top), Aluminium (Bottom)

## SOFTWARE

### Operating System

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

### Bundled Software

Lenovo® AI Now

## CONNECTIVITY

### WLAN + Bluetooth

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

### WWAN

Non-WWAN

### SIM Card

None

### Ethernet

100/1000M (RJ-45)

### 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

### Docking

Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad P14s Gen 6 \(Intel\)](#)

## 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
- Ultrasonic Human Presence Detection for IR camera
- IR camera for Windows® Hello (facial recognition)

## MANAGEABILITY

### System Management

Non-vPro®

## SERVICE

### Base Warranty

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

### Included Upgrade

3Y Premier Support Upgrade from 3Y Courier/Carry-in

## 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: 199272953623

Announce Date: 2025-09-13 End of Support : 2032-04-03

- 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



Lenovo Wireless VoIP Headset (Teams)  
4XD1M80020



Lenovo USB-C Dual Display Travel Dock (w/  
adapter) 40B90100AU

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

## Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Premier Support CPN (5WS1L42321)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L42415)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS1H31743)

PSREF  
Product Specifications  
Reference