



PERFORMANCE

**Processor**  
AMD Ryzen™ 5 PRO 8640HS (6C / 12T, 3.5 / 4.9GHz, 6MB L2 / 16MB L3)

**AI PC Category**<sup>[1]</sup>  
AI-Ready Workstations

**NPU**  
Integrated AMD Ryzen™ AI, up to 16 TOPS

**Graphics**  
Integrated AMD Radeon™ 760M Graphics

**Chipset**  
AMD SoC Platform

**Memory**  
1x 16GB SODIMM DDR5-5600 Non-ECC

**Memory Slots**  
Two DDR5 SODIMM slots, dual-channel capable

**Max Memory**  
Up to 96GB (2x 48GB DDR5 SODIMM)

**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>[2]</sup>  
One drive, up to 2TB M.2 2280 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

**Battery**  
52.5Wh

**Power Adapter**  
65W USB-C® (3-pin)

DESIGN

**Display**  
14" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC

**Touchscreen**  
None

**Color Calibration**  
None

**Pen**

Pen Not Supported

**Keyboard**  
Backlit, German

**Dimensions (WxDxH)**<sup>[3]</sup>  
315.9 x 223.7 x 17.7 mm (12.44 x 8.81 x 0.70 inches)

**Weight**<sup>[4]</sup>  
Starting at 1.31 kg (2.89 lbs)

**Case Color**  
Black

**Case Material**  
PC / 50% GF with 30% PCC + PC / 20% CF (Top), PC / 20% CF with 30% PCC (Bottom)

SOFTWARE

**Operating System**  
Windows® 11 Pro, German

**Bundled Software**  
None

CONNECTIVITY

**WLAN + Bluetooth**  
Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 + BT5.3

**WWAN**  
WWAN Not Supported

**SIM Card**  
None

**Ethernet**  
100/1000M (RJ-45)

**NFC**  
None

**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 USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with PD 3.0 and DisplayPort™ 1.4  
• 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)**

None

**Docking**  
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad® P14s Gen 5 \(AMD\)](#)

SECURITY & PRIVACY

**Security Chip**  
Discrete TPM 2.0 Enabled

**Physical Locks**  
Kensington® Nano Security Slot, 2.5 x 6 mm

**Smart Card Reader**  
None

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

**Other Security**  
• Bottom cover tamper detection  
• Camera privacy shutter (camera models)  
• IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

**System Management**  
AMD PRO Manageability

SERVICE

**Base Warranty**  
3-year, Courier or Carry-in

**Included Upgrade**  
None

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

MODEL

**TopSeller** : Yes **EAN / UPC / JAN:** 0199273700875  
**Announce Date:** 2025-11-15 **End of Support** : 2030-12-14

- 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



ThinkPad USB4 Dock 5000 40BF0100GE



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

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

Recommended Services

|        |                                                                                                                                                                                   |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BEST   | 3Y Premier Support Upgrade from 3Y Courier/Carry-in + 3Y Keep Your Drive Add On + CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects) (5WS1H31725, 5PS1H31776, 5WS1L72255) |
| BETTER | 3Y Premier Support Upgrade from 3Y Courier/Carry-in + 3Y Keep Your Drive Add On (5WS1H31725, 5PS1H31776)                                                                          |
| GOOD   | 3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS1H31725)                                                                                                                  |



PSREF  
Product Specifications  
Reference