

IdeaPad Pro 5 14AHP9

PSREF

Product Specifications
Reference

PERFORMANCE

- Processor**
AMD Ryzen™ 5 8645HS (6C / 12T, 4.3 / 5.0GHz, 6MB L2 / 16MB L3)
- AI PC Category**
AI PC
- NPU**
Integrated AMD Ryzen™ AI, up to 16 TOPS
- Graphics**
NVIDIA® GeForce RTX™ 3050 6GB GDDR6
- Chipset**
AMD SoC Platform
- Memory**
16GB Soldered LPDDR5x-6400
- Memory Slots**
Memory soldered to systemboard, no slots, dual-channel
- Max Memory**
16GB soldered memory, not upgradable
- Storage**
1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Storage Support^[1]**
One drive, up to 1TB M.2 2242 SSD
- Storage Slot**
One M.2 2280 PCIe® 4.0 x4 slot
- Card Reader**
SD Card Reader
- Optical**
None
- Audio Chip**
High Definition (HD) Audio
- Speakers**
Stereo speakers, 2W x2, optimized with Dolby Atmos®
- Camera**
FHD 1080p + IR with Privacy Shutter, ToF Sensor
- Microphone**
2x, Array
- Battery**
Integrated 84Wh
- Power Adapter**
140W USB-C® Slim (3-pin)

DESIGN

- Display**
14" 2.8K (2880x1800) OLED 400nits (Typical) / 600nits (Peak) Glossy, 100% DCI-P3, 120Hz, Eyesafe®, DisplayHDR™ True Black 500
- Touchscreen**
None

- Keyboard**
Backlit, English
- Touchpad**
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
- Case Color**
Arctic Grey
- Surface Treatment**
Aluminium Stamping (Anodized)
- Case Material**
Aluminium (Top), Aluminium (Bottom)
- Pen**
Pen Not Supported
- Dimensions (WxDxH)^[2]**
312 x 221 x 15.99 mm (12.28 x 8.7 x 0.63 inches)
- Weight^[3]**
Starting at 1.46 kg (3.22 lbs)

SOFTWARE

- Operating System**
None
- Bundled Software**
None

CONNECTIVITY

- Ethernet**
No Onboard Ethernet
- WLAN + Bluetooth^[4]**
Wi-Fi® 6E, 802.11ax 2x2 + BT5.2
- WWAN**
Non-WWAN
- Standard Ports**
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
 - 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
 - 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4
 - 1x USB-C® (USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
 - 1x HDMI® 2.1, up to 4K/60Hz
 - 1x Headphone / microphone combo jack (3.5mm)
 - 1x SD card reader

- Monitor Cable**
None
- SECURITY & PRIVACY**
- Security Chip**
Microsoft® Pluton TPM 2.0 Enabled
- Fingerprint Reader**
None

- Other Security**
- Camera privacy shutter
 - IR camera for Windows® Hello (facial recognition)

SERVICE

- Base Warranty**
2-year, Courier or Carry-in
- Included Upgrade**
None

ACCESSORIES

- Bundled Accessories^[5]**
None

CERTIFICATIONS

- Green Certifications**
- ErP Lot 6/26
 - RoHS compliant
- Other Certifications**
- Eyesafe® Certified 2.0
 - TÜV Rheinland® Low Blue Light (Hardware Solution)

- Mil-Spec Test**
MIL-STD-810H military test passed (21 test items)

MODEL

- | | | | |
|------------------------|----------------|-----------------------|--------------|
| TopSeller | : No | Announce Date | : 2024-02-07 |
| EAN / UPC / JAN | : 197530023873 | End of Support | : 2030-03-05 |



Product image is a sample, it may not match the real color of this model

Note:

- [1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
- [2] The system dimensions may vary depending on configurations.
- [3] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2390?M=83D3001TRM>

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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 Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

- The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...

Lenovo USB-C Cable 1m

The Lenovo USB-C Cable 1m makes it easy to connect your USB-C notebook with other USB-C accessories and displays. It supports 10Gbps data rate, 20V/3A 60W power, and can be used with USB-C Docks, USB-C monitors with 4...

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

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