

IdeaPad Pro 5 16AHP9

PSREF

Product Specifications
Reference

PERFORMANCE

| | |
|--------------------------------------|---|
| Processor | AMD Ryzen™ 7 8845HS (8C / 16T, 3.8 / 5.1GHz, 8MB L2 / 16MB L3) |
| AI PC Category | AI PC |
| NPU | Integrated AMD Ryzen™ AI, up to 16 TOPS |
| Graphics | NVIDIA® GeForce RTX™ 4050 6GB GDDR6 |
| Chipset | AMD SoC Platform |
| Memory | 32GB Soldered LPDDR5x-6400 |
| Memory Slots | Memory soldered to systemboard, no slots, dual-channel |
| Max Memory | 32GB soldered memory, not upgradable |
| Storage | 1TB SSD M.2 2242 PCIe® 4.0x4 NVMe® |
| Storage Support^[1] | Up to two drives, 2x M.2 SSD <ul style="list-style-type: none">• M.2 2242 SSD up to 1TB |
| Storage Slot | Two M.2 slots <ul style="list-style-type: none">• One M.2 2242 PCIe® 4.0 x4 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 | 170W Slim Tip (3-pin) |

DESIGN

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|------------------------------|---|
| Display^[2] | 16" 2.5K (2560x1600) IPS 350nits Anti-glare, 100% sRGB, 120Hz, Eyesafe® |
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| Touchscreen | None |
| Keyboard | Backlit, English |
| Touchpad | Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches) |
| Case Color | Arctic Grey |
| Surface Treatment | Aluminium Stamping (Anodized) |
| Case Material | Aluminium (Top), Aluminium (Bottom) |
| Pen | Pen Not Supported |
| Dimensions (WxDxH)^[3] | 356 x 251 x 17.5 mm (14.02 x 9.88 x 0.69 inches) |
| Weight^[4] | Starting at 1.91 kg (4.21lbs) |
| SOFTWARE | |
| Operating System | None |
| Bundled Software | None |
| CONNECTIVITY | |
| Ethernet | No Onboard Ethernet |
| WLAN + Bluetooth^[5] | Wi-Fi® 6E, 802.11ax 2x2 + BT5.2 |
| WWAN | Non-WWAN |
| Standard Ports | <ul style="list-style-type: none">• 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 |
| Optional Ports (configured) | 1x Power connector (models with discrete graphics) |

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| Docking | Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit , Docking for IdeaPad® Pro 5 16AHP9 | | |
| Monitor Cable | None | | |
| SECURITY & PRIVACY | | | |
| Security Chip | Microsoft® Pluton TPM 2.0 Enabled | | |
| Fingerprint Reader | None | | |
| Other Security | <ul style="list-style-type: none">• 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^[6] | None | | |
| CERTIFICATIONS | | | |
| Green Certifications | <ul style="list-style-type: none">• ErP Lot 6/26• RoHS compliant | | |
| Other Certifications | <ul style="list-style-type: none">• 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 | : 2024-02-08 |
| EAN / UPC / JAN | : 197530023934 | End of Support | : 2030-02-28 |

Note:
[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[3] The system dimensions may vary depending on configurations.
[4] 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/2391?M=83D5000NRM>

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REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.

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'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.

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PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

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 15.6-inch Basic Backpack

The ThinkPad 15.6" Basic Backpack offers protection and value for laptops up to 15.6" wide. It features a padded, dedicated compartment for your laptop, plus plenty of internal storage for other work essentials. A con...

Lenovo Powered USB-C Travel Hub

Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...

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

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Product Specifications
Reference