

IdeaPad Pro 5 16IMH9

PSREF

Product Specifications
Reference

PERFORMANCE

- Processor**
Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB
- AI PC Category**
AI PC
- NPU**
Integrated Intel® AI Boost, up to 11 TOPS
- Graphics**
NVIDIA® GeForce RTX™ 4050 6GB GDDR6
- Chipset**
Intel® SoC Platform
- Memory**
16GB Soldered LPDDR5x-7467
- 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]**
Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB
- Storage Slot**
Two M.2 slots
• 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, Realtek® ALC3287 codec
- 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

- Display**
16" 2K (2048x1280) OLED 400nits 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), 80 x 135 mm (3.15 x 5.31 inches)
- Case Color**
Arctic Grey
- Surface Treatment**
Aluminium Stamping (Anodized with Sandblasting)
- Case Material**
Aluminium (Top), Aluminium (Bottom)
- Pen**
Pen Not Supported
- Dimensions (WxDxH)^[2]**
356 x 251 x 17.5 mm (14.02 x 9.88 x 0.69 inches)
- Weight^[3]**
Starting at 1.94 kg (4.28 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 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 2.1
 - 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
 - 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
- Monitor Cable**
None

SECURITY & PRIVACY

- Security Chip**
Firmware 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	: 2024-01-17
EAN / UPC / JAN	: 197531690432	End of Support	: 2029-12-28



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.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2370?M=83D4001RRM>

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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.

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- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

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...

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...

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

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