

IdeaPad Pro 5 16APH8

PERFORMANCE

Processor
AMD Ryzen™ 7 7840HS (8C / 16T, 3.8 / 5.1GHz, 8MB L2 / 16MB L3)
Graphics
NVIDIA® GeForce RTX™ 4050 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]
Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB
• M.2 2280 SSD up to 1TB
Storage Slot^[2]
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^[3]
Integrated 75Wh
Power Adapter
170W Slim Tip (3-pin)
DESIGN
Display^[4]
16" 2.5K (2560x1600) IPS 350nits Anti-glare, 100% sRGB, 120Hz, Eyesafe®
Touchscreen
None

Keyboard
Backlit, French
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)^[5]
356 x 251 x 17.5 mm (14.02 x 9.88 x 0.69 inches)
Weight^[6]
Starting at 1.93 kg (4.25 lbs)
SOFTWARE
Operating System
Windows® 11 Pro, French
Bundled Software
Office Trial
CONNECTIVITY
Ethernet
No Onboard Ethernet
WLAN + Bluetooth^[7]
Wi-Fi® 6E, 802.11ax 2x2 + BT5.2
WWAN
Non-WWAN
Standard Ports
• 1x USB 3.2 Gen 1
• 1x USB 3.2 Gen 1 (Always On)
• 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
• 1x USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
• 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
Docking
Various docking solutions are supported via USB-C®. For more compatible docking solutions, please visit Docking for IdeaPad® Pro 5 16APH8
SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0
Fingerprint Reader
None
Other Security
• IR camera for Windows® Hello (facial recognition)
• Camera privacy shutter
SERVICE
Base Warranty
2-year, Courier or Carry-in
Included Upgrade
None
ACCESSORIES
Bundled Accessories^[8]
None
CERTIFICATIONS
Green Certifications
• ENERGY STAR® 8.0
• EPEAT™ Silver Registered
• 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 : Yes
Announce Date : 2023-07-20
EAN / UPC / JAN : 197529755815
End of Support : 2029-06-14
Note:
^[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
^[2] M.2 2280 slot compatible with M.2 2242 SSD.
^[3] Rapid Charge Express is only effective in hibernates or fully shutting down the computer.
^[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
^[5] The system dimensions may vary depending on configurations.
^[6] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
^[7] Wi-Fi 6E full features might be limited by country-level.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to https://psref.lenovo.com/Detail/2278?M=83AR00OVFR

Premium Care - Advanced Support from Real People. Real Fast.

REAL PERSON

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

HASSLE FREE

'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.

REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.

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 Universal USB-C Dock

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

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...

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

PSREF

Product Specifications
Reference