

IdeaPad Pro 5 16IAH10

PSREF

Product Specifications
Reference

PERFORMANCE

- Processor**
Intel® Core™ Ultra 9 285H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.4GHz, 24MB
- AI PC Category**
AI PC
- NPU**
Integrated Intel® AI Boost, up to 13 TOPS
- Graphics**
Integrated Intel® Arc™ 140T GPU
- Chipset**
Intel® SoC Platform
- Memory**
32GB Soldered LPDDR5x-8533
- 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
• 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
- Speakers**
Stereo speakers, 2W x2, optimized with Dolby Atmos®
- Camera**
FHD 1080p + IR with Privacy Shutter, ToF Sensor
- Microphone**
2x, Array
- Battery**
84Wh
- Power Adapter**
100W USB-C® Slim (3-pin)

DESIGN

- Display**
16" 2.8K (2880x1800) OLED 500nits (typical) / 1100nits (peak) Glossy, 100% DCI-P3, 120Hz VRR, DisplayHDR™ True Black 1000
- Touchscreen**
None
- Color Calibration**
Factory Color Calibration
- Keyboard**
Backlit, German
- Touchpad**
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)
- Case Color**
Luna Grey
- Surface Treatment**
Aluminium Stamping (Anodized with Sandblasting)
- Case Material**
Aluminium (Top), Aluminium (Bottom)
- Pen**
Pen Not Supported
- Dimensions (WxDxH)^[2]**
356.8 x 251 x 15.95 mm (14.05 x 9.88 x 0.63 inches)
- Weight^[3]**
Starting at 1.72 kg (3.79 lbs)
- SOFTWARE**
- Operating System**
Windows® 11 Pro, German
- Bundled Software**
Office Trial
- CONNECTIVITY**
- WLAN + Bluetooth^[4]**
Wi-Fi® 7, 802.11be 2x2 + BT5.4
- WWAN**
Non-WWAN
- Ethernet**
No Onboard Ethernet
- 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 USB PD 3.0 and DisplayPort™ 2.1
 - 1x HDMI® 2.1, up to 8K/60Hz
 - 1x Headphone / microphone combo jack (3.5mm)
 - 1x SD card reader
- Optional Ports (configured)**
None

- Docking**
Various docking solutions supported via Thunderbolt™. For more compatible docking solutions, please visit , [Docking for IdeaPad® Pro 5 16IAH10](#)
- 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**
<= 3 Months Premium Care
- ACCESSORIES**
- Bundled Accessories**
None
- CERTIFICATIONS**
- Green Certifications^{[5][6]}**
- ENERGY STAR® 8.0
 - EPEAT™ Gold Registered
 - ErP Lot 6/26
 - RoHS compliant
- Other Certifications**
- Eyesafe® Certified 2.0
 - Intel® Evo™ Platform
 - TÜV Rheinland® Flicker Free
 - TÜV Rheinland® Low Blue Light (Hardware Solution)
- Mil-Spec Test**
MIL-STD-810H military test passed (21 test items)
- MODEL**
- | | | | |
|------------------------|----------------|-----------------------|--------------|
| TopSeller | : No | Announce Date | : 2025-02-11 |
| EAN / UPC / JAN | : 198156721723 | End of Support | : 2031-02-07 |
- Note:
^[1] The system supports dual SSD via two M.2 slots, but.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to <https://psref.lenovo.com/Detail/2543?M=83JM001HGE>

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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.

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- Technician Installed Customer
- Onsite Support
- 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 Professional Wireless Combo Keyboard & Mouse (US English)

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

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

PSREF
Product Specifications
Reference