

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, English (EU)
- 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 Home, Benelux (EN/FR/DE/NL)
- Bundled Software**
Office Trial + Lenovo® AI Now
- ### 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**
2Y Premium Care with Onsite upgrade from 2Y Courier/Carry-in

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	: 2025-05-05
EAN / UPC / JAN	: 199271275429	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=83JM003VMH>

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Accidental Damage Protection - Protection of your PC from the unexpected.

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- 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...

Recommended Services

BETTER

3Y Premium Care upgrade from 2Y Premium Care (5WS1C83304)

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

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Reference