

IdeaPad Pro 5 14IRH8

PSREF Product Specifications Reference

PERFORMANCE

Processor

Intel® Core™ i5-13500H, 12C (4P + 8E) / 16T, P-core 2.6 / 4.7GHz, E-core 1.9 / 3.5GHz, 18MB

Graphics

NVIDIA® GeForce RTX™ 3050 6GB GDDR6

Chipset

Intel® SoC Platform

Memory

32GB Soldered LPDDR5-5200

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

32GB soldered memory, not upgradable

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support^[1]

One drive, up to 1TB M.2 2242 SSD or 1TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

Card Reader

SD Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 2W x2, optimized with Dolby Atmos®

Camera

FHD 1080p + IR with Privacy Shutter, ToF Sensor

Microphone

2x, Array

Battery^[2]

Integrated 75Wh

Power Adapter

140W USB-C® Slim (3-pin)

DESIGN

Display^[3]

14" 2.8K (2880x1800) IPS 400nits Anti-glare, 100% sRGB, 120Hz, Eyesafe®

Touchscreen

None

Keyboard

Backlit, English

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Case Color

Arctic Grey

Surface Treatment

Aluminium Stamping (Anodized with Sandblasting)

Case Material

Aluminium (Top), Aluminium (Bottom)

Pen

Pen Not Supported

Dimensions (WxDxH)^[4]

312 x 221 x 15.99 mm (12.28 x 8.7 x 0.63 inches)

Weight^[5]

Starting at 1.46 kg (3.22 lbs)

SOFTWARE

Operating System

None

Bundled Software

None

CONNECTIVITY

Ethernet

No Onboard Ethernet

WLAN + Bluetooth^[6]

Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

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 Thunderbolt™ 4 / 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

Docking

Various docking solutions are supported via Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for IdeaPad® Pro 5 14IRH8](#)

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^[7]

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	: Yes	Announce Date	: 2023-02-16
EAN / UPC / JAN	: 196804381794	End of Support	: 2029-02-28



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 results with current Lenovo storage offerings.

[2] Rapid Charge Express is only effective in hibernates or fully shutting down the computer.

[3] IPS (in-plane switching) technology may refer to IPS,.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2141?M=83AL000KRM>

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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 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>

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