

**PERFORMANCE****Processor**

AMD Ryzen™ 7 7840HS (8C / 16T, 3.8 / 5.1GHz, 8MB L2 / 16MB L3)

**Graphics**

NVIDIA® GeForce RTX™ 3050 6GB GDDR6

**Chipset**

AMD SoC Platform

**Memory**

32GB Soldered LPDDR5x-6400

**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<sup>(1)</sup>**

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

**Storage Slot<sup>(2)</sup>**

Two M.2 slots

- One M.2 2242 PCIe 4.0 x4 slot
- One M.2 2280 PCIe 4.0 x4 slot

**Card Reader**

4-in-1 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<sup>(3)</sup>**

Integrated 75Wh

**Max Battery Life<sup>(4)</sup>**

Discrete graphics models:

MobileMark® 2018@200nits: 8.5 hr

Local video (1080p) playback@150nits: 12 hr

**Power Adapter**

170W Slim Tip (3-pin)

**DESIGN****Display**

16" 2.5K (2560x1600) IPS 350nits Anti-glare, 100% sRGB, 120Hz, TÜV Low Blue Light, Eyesafe®

**Touchscreen**

None

**Keyboard**

Backlit, French

**Case Color**

Arctic Grey

**Surface Treatment**

Aluminium Stamping (Anodized with Sandblasting)

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**Dimensions (WxDxH)<sup>(5)</sup>**

356 x 251 x 17.5 mm (14.02 x 9.88 x 0.69 inches)

**Weight<sup>(6)</sup>**

Starting at 1.93 kg (4.25 lbs)

**SOFTWARE****Operating System**

Windows® 11 Home, French

**Bundled Software**

Office Trial

**CONNECTIVITY****Ethernet**

No Onboard Ethernet

**WLAN + Bluetooth<sup>(7)(8)</sup>**

Wi-Fi® 6E, 11ax 2x2 + BT5.1

**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 Card reader
- 1x Headphone / microphone combo jack (3.5mm)

**SECURITY & PRIVACY****Security Chip**

Firmware TPM 2.0

**Fingerprint Reader**

None

**Other Security**

- Camera privacy shutter
- IR camera for Windows® Hello

**MANAGEABILITY****SERVICE****Base Warranty**

2-year, Courier or Carry-in

**Included Upgrade**

CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

**ACCESSORIES****CERTIFICATIONS****Green Certifications<sup>(9)</sup>**

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered
- ErP Lot 6
- ErP Lot 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** : 2023-07-19

**EAN / UPC / JAN** : 197528847504 **End of Support** : 2029-06-14



AMD

To see more note information, please link to [https://psref.lenovo.com/Detail/IdeaPad\\_Pro\\_5\\_16APH8?M=83AR002EFR](https://psref.lenovo.com/Detail/IdeaPad_Pro_5_16APH8?M=83AR002EFR).

- Lenovo reserves the right to change specifications or other product information without notice.
- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

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



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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.



### 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.



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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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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 Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...



### ThinkPad Universal USB-C Dock

40AY0090US

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 ...

For a full list of accessories and services, please visit:  
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Product Specifications  
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