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
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, Slovenian

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)

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 Home, Croatian / Slovenian / English

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
No Onboard Ethernet

WLAN + Bluetooth®[7]
Wi-Fi® 6E, 11ax 2x2 + BT5.2

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
• Camera privacy shutter
• IR camera for Windows® Hello

SERVICE

Base Warranty
2-year, Courier or Carry-in

Included Upgrade
None

ACCESSORIES

Bundled Accessories[8]
None

CERTIFICATIONS

Green Certifications[9]
• 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**	: 2023-08-04
EAN / UPC / JAN	: 197532487666	**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 reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2278?M=83AR003WSC

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.

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.

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.

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

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 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...

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:
https://smartfind.Lenovo.com

Lenovo **PSREF**
Product Specifications Reference