PERFORMANCE

Processor
AMD Ryzen™ 7 5800H (8C / 16T, 3.2 / 4.4GHz, 4MB L2 / 16MB L3)

Graphics
NVIDIA® GeForce RTX™ 3050 4GB GDDR6, Boost Clock 712 / 1057MHz, TGP 55W

Chipset
AMD SoC Platform

Memory
16GB Soldered DDR4-3200

Memory Slots
Memory soldered to systemboard, no slots, dual-channel

Max Memory
16GB soldered memory, not upgradable

Storage
512GB SSD M.2 2280 PCIe® 3.0x4 NVMe®

Storage Support[1]
One drive, up to 512GB M.2 2242 SSD or 1TB M.2 2280 SSD

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
HD 720p + IR, ToF Sensor

Microphone
2x, Array

Battery[2]
Integrated 75Wh

Power Adapter
135W Slim Tip (3-pin)

DESIGN

Display[3]
16" 2.5K (2560x1600) IPS 350nits Anti-glare, 100% sRGB, 60Hz, Eyesafe®

Touchscreen
None

Keyboard
Backlit, English

Case Color
Cloud Grey

Surface Treatment
Aluminium Stamping (Anodized)

Case Material
Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)[4]
356 x 251 x 16.9 mm (14.02 x 9.88 x 0.67 inches)

Weight[5]
Starting at 1.9 kg (4.19 lbs)

SOFTWARE

Operating System
Windows® 11 Home Single Language, English

Bundled Software
Office Home & Student 2021

CONNECTIVITY

Ethernet
No Onboard Ethernet

WLAN + Bluetooth®[6][7]
Wi-Fi® 6, 11ax 2x2 + BT5.1

Standard Ports
- 1x Card reader
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 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™ 1.4)

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® 5 Pro 16ACH6

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0

Fingerprint Reader
None

Other Security
IR camera for Windows Hello

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
2Y ADP - IPMAIN (ESS), 2Y Premium Care -IPMAIN (ESS)

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Other Certifications
- Eyesafe® Certified
- TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	**Announce Date**	: 2021-10-05
EAN / UPC / JAN	: 196119049075	**End of Support**	: 2027-05-05

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, PLS, ADS, AHVA, AAS.
[4] The system dimensions may vary depending on configurations.
[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
[6] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.
[7] Wi-Fi 6 full features might be limited by country-level restrictions.
· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/1555?M=82L500KYID

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 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...

Lenovo USB-C Mini Dock_US
40AU0065US

Expand Your Potential with An Universal Mini Dock; Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C Mini dock is ...

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

Lenovo

PSREF
Product Specifications Reference