

PERFORMANCE

Processor

Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB

NPU

Intel® AI Boost integrated in Intel® Core™ Ultra processor

Graphics

NVIDIA® GeForce RTX™ 4050 6GB GDDR6

Chipset

Intel® SoC Platform

Memory

16GB Soldered LPDDR5x-7467

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

16GB soldered memory, not upgradable

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support^{[1][2]}

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 1TB

Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

Card Reader

SD Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Models with discrete graphics:

6 stereo speakers, 2W x4 (dual side woofers), 2W x2 (tweeters), optimized with Dolby Atmos®, Smart Amplifier (AMP)

Camera

5.0MP + IR with E-shutter

Microphone

4x, Array

Battery

Integrated 84Wh

Power Adapter

170W Slim Tip (3-pin)

DESIGN

Display^[3]

16" 3.2K (3200x2000) IPS 400nits Anti-glare, 100% P3, 100% sRGB, 165Hz, Eyesafe®, Dolby Vision®, TCON

Touchscreen

None

Color Calibration

Factory Color Calibration

Keyboard

Backlit, Italian

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 95 x 150 mm (3.75 x 5.91 inches)

Case Color

Tidal Teal

Surface Treatment

Aluminium Stamping (Anodized with Sandblasting)

Case Material

Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)^[4]

362.72 x 253.69 x 17.9 mm (14.28 x 9.99 x 0.70 inches)

Weight^[5]

Starting at 2 kg (4.41 lbs)

SOFTWARE

Operating System

Windows® 11 Home, Italian / English

Bundled Software

Office Trial

CONNECTIVITY

Ethernet

No Onboard Ethernet

WLAN + Bluetooth^[6]

Wi-Fi® 6E, 11ax 2x2 + BT5.3

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI®, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Power connector

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0

Fingerprint Reader

None

Other Security

- IR camera for Windows® Hello (facial recognition)
- E-shutter

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^[7]

None

CERTIFICATIONS

Green Certifications^[8]

- Carbon Neutral Certified
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6
- ErP Lot 26
- RoHS compliant

Other Certifications

- Intel® Evo™ Platform
- 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	: No	Announce Date	: 2024-03-10
EAN / UPC / JAN	: 198153225477	End of Support	: 2030-02-12

Note:

^[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.

^[2] The system supports dual SSD via two M.2 slots, but Lenovo only offers one SSD configuration and another SSD slot for user self-extension.

^[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/2395?M=83DN005GIX>

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

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Recommended Accessories



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 ...

Recommended Services

BEST	4Y Premium Care upgrade from 2Y Premium Care (5WS1C83325)
BETTER	3Y Premium Care upgrade from 2Y Premium Care (5WS1C83323)

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

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PSREF
Product Specifications
Reference