

PERFORMANCE**Processor**

AMD Ryzen™ 7 170 (8C / 16T, 3.2 / 4.75GHz, 4MB L2 / 16MB L3)

Graphics

NVIDIA GeForce RTX™ 5050 8GB GDDR7, Boost Clock 2662MHz, TGP 65W, 440 AI TOPS

Chipset

AMD SoC Platform

Memory

1x 16GB SODIMM DDR5-4800

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Max Memory^[1]

Up to 16GB DDR5-4800 offering

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Slot

Two M.2 slots • One M.2 2242 PCIe® 4.0 x4 slot • One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support^[2]

Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB

Optical

None

Card Reader

No Card Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

Microphone

2x, Array

Camera

HD 720p with E-shutter

Battery

60Wh

Power Adapter

135W Slim Tip (3-pin)

DESIGN**Display**15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, FreeSync™^[3]**Touchscreen**

None

Screen-to-Body Ratio

88.07% AAR (active area ratio)

Color Calibration

No Color Calibration

Pen

Pen Not Supported

Keyboard

White Backlit, Bulgarian

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Dimensions (WxDxH)^[4]

361.26 x 255.6 x 22.9-24.8 mm (14.22 x 10.06 x 0.90-0.98 inches)

Weight^[5]

Starting at 2.3 kg (5.07 lbs)

Case Color

Luna Grey

Case Material

PC-ABS (Top), PC-ABS (Bottom)

Surface Treatment

Painting

SOFTWARE**Operating System**

None

Bundled Software

None

CONNECTIVITY**WLAN + Bluetooth**

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

WWAN

WWAN Not Supported

Ethernet

100/1000M (RJ-45)

Standard Ports

- 2x USB-A (USB 5Gbps)
- 1x USB-C® (USB 5Gbps), with USB PD 65-100W^[6]
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Slim tip Power connector

Docking

Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit [Docking for LOQ™ Essential 15ARP11](#)

SECURITY & PRIVACY**Security Chip**

Firmware TPM 2.0 Enabled

Fingerprint Reader

No Fingerprint Reader

Other Security

E-shutter

SERVICE**Base Warranty**

2-year, Courier or Carry-in

Included Upgrade

3Y Courier/Carry in from 2Y Courier/Carry in (CPN)

ACCESSORIES**Bundled Accessories**

None

CERTIFICATIONS**Green Certifications**

- ErP Lot 6/26
- RoHS compliant

MODEL

TopSeller : No EAN / UPC / JAN: 199274326937

Announce Date: 2026-01-24 End of Support : 2032-03-04

Note:

[1] The max memory is based on the test results with current Lenovo memory offerings.

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

[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] Supports Lenovo protocol for 140W charging but requires a unique Lenovo adapter for operation.

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.

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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.

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- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

 United States of America



Lenovo Wired VoIP Headset 5000 (Teams)
4XD1R88995



Lenovo Wireless Multi-Mode Pro Plus Mouse
6050 (Luna Grey) 4Y51S61878



Lenovo Essential FHD Webcam Gen2
4XC1S15018

Please click [here](#) to view the full list of accessories.

Lenovo

PSREF
Product Specifications
Reference