

### PERFORMANCE

#### Processor

Intel Core™ Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB Intel® Smart Cache

#### AI PC Category

AI-Powered Gaming PC<sup>[1]</sup>

#### NPU

Integrated Intel® AI Boost, up to 13 TOPS

#### Graphics

NVIDIA GeForce RTX™ 5070 8GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS

#### Chipset

Intel® HM870 Chipset

#### Memory

1x 16GB SODIMM DDR5-5600

#### Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

#### Max Memory<sup>[2]</sup>

Up to 32GB DDR5-5600 offering

#### Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

#### Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

#### Max Storage Support<sup>[3]</sup>

Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB • M.2 2280 SSD up to 1TB

#### Optical

None

#### Card Reader

No Card Reader

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

#### Speakers

Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio

#### Microphone

2x, Array

#### Camera

5.0MP with E-shutter

#### Battery

80Wh

#### Power Adapter

245W Slim Tip (3-pin)

#### Special Features

AI Chip: LA3

### DESIGN

#### Display

16" WQXGA (2560x1600) OLED 500nits (typical) / 1100nits (peak) Glossy, 100% DCI-P3, 165Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance, Flicker Free

#### Touchscreen

None

#### Screen-to-Body Ratio

91.7% AAR (active area ratio)

#### Color Calibration

Factory Color Calibration

#### Pen

Pen Not Supported

#### Keyboard

24-Zone RGB Backlit, English

#### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

#### Dimensions (WxDxH)<sup>[4]</sup>

364.38 x 268.06 x 21.69-25.95 mm (14.35 x 10.55 x 0.85-1.02 inches)

#### Weight<sup>[5]</sup>

Around 2.43 kg (5.36 lbs)

#### Case Color

Eclipse Black

#### Case Material

Aluminium (Top), PC-ABS (Bottom)

#### Surface Treatment

Anodizing Sandblasting

### SOFTWARE

#### Operating System

Windows® 11 Home, English

#### Bundled Software

Office Trial + Lenovo® AI Now

### CONNECTIVITY

#### WLAN + Bluetooth

Wi-Fi® 7, 802.11be 2x2 + BT5.4

#### WWAN

WWAN Not Supported

#### Ethernet

100/1000M (RJ-45)

#### Standard Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 65-100W and DisplayPort™ 2.1<sup>[6]</sup>
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with DisplayPort™ 2.1

- 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 Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for Legion Pro 5 16IAX10](#)

### SECURITY & PRIVACY

#### Security Chip

Firmware TPM 2.0 Enabled

#### Fingerprint Reader

No Fingerprint Reader

#### Other Security

E-shutter

### SERVICE

#### Base Warranty

1-year, Courier or Carry-in

#### Included Upgrade

None

### ACCESSORIES

#### Bundled Accessories

None

### CERTIFICATIONS

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 6/26
- RoHS compliant

#### Other Certifications

- TÜV Rheinland® Flicker Free
- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)

### MODEL

TopSeller : No EAN / UPC / JAN: 198156404800

Announce Date: 2025-05-17 End of Support : 2031-05-16

Note:

- [1] AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.
- [2] The max memory is based on the test results with current Lenovo memory offerings.
- [3] The storage capacity supported is based on the test results with current Lenovo storage offerings.
- 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.

· California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumers>

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

To see more note information, please access the [web page](#).



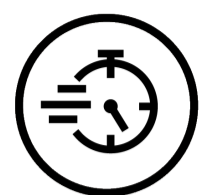
### REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



### 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.



### 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.



### 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



United States of America



Lenovo Self-Charging Bluetooth Keyboard-French Canadian 058 4Y41R69498



Lenovo Wired VoIP Headset 5000 4XD1R88995

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

## Recommended Services

BEST	4Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0W36581)
BETTER	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75704)

**Lenovo**

**PSREF**

Product Specifications Reference