

PERFORMANCE

- Processor**
 AMD Ryzen™ 5 220 (6C / 12T, 3.2 / 4.9GHz, 6MB L2 / 16MB L3)
- AI PC Category**^[1]
 AI-Powered Gaming PC
- NPU**
 Integrated AMD Ryzen™ AI, up to 16 TOPS
- Graphics**
 NVIDIA® GeForce RTX™ 5050 8GB GDDR7, Boost Clock 2662MHz, TGP 100W, 440 AI TOPS
- Chipset**
 AMD SoC Platform
- Memory**
 1x 16GB SO-DIMM DDR5-5600
- Memory Slots**
 Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory**^[2]
 Up to 32GB DDR5-5600 offering
- Storage**
 512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Max Storage Support**^[3]
 Up to two drives, 2x M.2 SSD
 • M.2 2242 SSD up to 1TB each
- Storage Slot**^[4]
 Two M.2 2280 PCIe® 4.0 x4 slots
- Card Reader**
 None
- Optical**
 None
- Audio Chip**
 High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers**
 Stereo speakers, 2W x2, optimized with Nahimic Audio
- Camera**
 5.0MP with E-shutter
- Microphone**
 2x, Array
- Battery**
 60Wh
- Power Adapter**
 170W Slim Tip (3-pin)
- Special Features**
 AI Chip: LA1

DESIGN

- Display**^[5]
 15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, G-SYNC®
- Touchscreen**
 None
- Color Calibration**
 None
- Keyboard**
 White Backlit, English (UK)
- Touchpad**
 Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
- Case Color**
 Luna Grey
- Surface Treatment**
 Painting
- Case Material**
 PC-ABS (Top), PC-ABS (Bottom)
- Pen**
 Pen Not Supported
- Dimensions (WxDxH)**^[6]
 359.86 x 258.7 x 21.9-23.9 mm (14.17 x 10.19 x 0.86-0.94 inches)
- Weight**^[7]
 Starting at 2.4 kg (5.29 lbs)

SOFTWARE

- Operating System**
 Windows® 11 Home, English
- Bundled Software**
 Office Trial + Lenovo® AI Now

CONNECTIVITY

- WLAN + Bluetooth**^[8]
 Wi-Fi® 6, 802.11ax 2x2 + BT5.3
- WWAN**
 Non-WWAN
- Ethernet**
 100/1000M (RJ-45)
- Standard Ports**^[9]
 - 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
 - 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 65-100W and DisplayPort™ 1.4
 - 1x HDMI® 2.1, up to 8K/60Hz
 - 1x Headphone / microphone combo jack (3.5mm)
 - 1x Ethernet (RJ-45)
 - 1x Power connector

- Docking**
 Various docking solutions supported via or USB-C®. For more compatible docking solutions, please visit , [Docking for LOQ™ 15AHP10](#)

SECURITY & PRIVACY

- Security Chip**
 Firmware TPM 2.0 Enabled
- Fingerprint Reader**
 None
- Other Security**
 E-shutter

SERVICE

- Base Warranty**
 1-year, Courier or Carry-in
- Included Upgrade**
 None

ACCESSORIES

- Bundled Accessories**
 None

CERTIFICATIONS

- Green Certifications**
 - ErP Lot 6/26
 - RoHS compliant
- Other Certifications**
 TÜV Rheinland® Low Blue Light (Software Solution)

MODEL

- | | | | |
|------------------------|----------------|-----------------------|--------------|
| TopSeller | : No | Announce Date | : 2025-07-31 |
| EAN / UPC / JAN | : 198156206930 | End of Support | : 2031-06-22 |

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.

[4] The 1st SSD slot supports PCIE 4.0 x4 Lanes, while the 2nd SSD slot supports PCIE 4.0 x2 Lanes.

[5] IPS (in-plane switching) technology may refer to IPS,.....

· Lenovo reserves the right to change specifications without notice.

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

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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.



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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 Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...



AMD

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

Lenovo

PSREF
Product Specifications
Reference