



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 PC<sup>[1]</sup>

**NPU**  
Integrated Intel® AI Boost up to 13 TOPS

**Graphics**  
NVIDIA® GeForce RTX™ 5060 8GB GDDR7, Boost Clock 2497MHz, TGP 115W, 572 AI TOPS

**Chipset**  
Intel® HM870 Chipset

**Memory**  
1x 16GB SODIMM DDR5-5600

**Memory Slots**  
Two DDR5 SODIMM / CSODIMM slots, dual-channel capable

**Max Memory**  
Up to 64GB (2x 32GB SODIMM) DDR5-5600

**Storage**  
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

**Storage Slot**  
Two M.2 2280 PCIe® 5.0 x4 slots

**Max Storage Support**<sup>[2][3]</sup>  
Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 2TB each

**Card Reader**  
SD Card Reader

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3306-CG codec

**Speakers**  
Stereo speakers, 2W x2 woofers and 2W x2 tweeters, Dolby Atmos®, sound by harman/kardon, Smart Amplifier (AMP)

**Microphone**  
2x, Array

**Camera**  
FHD 1080p + IR Hybrid with Privacy Shutter

**Battery**  
85Wh

**Power Adapter**  
300W Slim Tip (3-pin)

**Special Features**  
• AI Chip: LA3  
• Modern Standby

DESIGN

Display

16” 3.2K (3200x2000) IPS 500nits Anti-glare, 100% DCI-P3, 165Hz, Dolby Vision®, G-SYNC®, Eyesafe®, X-Rite®<sup>[4]</sup>

**Touchscreen**  
None

**Screen-to-Body Ratio**  
93%

**Color Calibration**  
X-Rite® Factory Color Calibration

**Pen**  
Pen Not Supported

**Keyboard**  
Backlit, Spanish (LA)

**Touchpad**  
Touchpad

**Dimensions (WxDxH)**<sup>[5]</sup>  
354.6 x 256.2 x 17.9 mm (13.96 x 10.09 x 0.70 inches)

**Weight**<sup>[6]</sup>  
Starting at 2.1 kg (4.63 lbs)

**Case Color**  
Luna Grey

**Case Material**  
Aluminium (Top), Aluminium (Bottom)

**Surface Treatment**  
Anodizing Sandblasting

SOFTWARE

**Operating System**  
Windows® 11 Pro, Spanish / Mexican Spanish / English

**Bundled Software**  
Office Trial + Lenovo® AI Now

CONNECTIVITY

**WLAN + Bluetooth**  
Wi-Fi® 7, 802.11be 2x2 + BT5.4

**WWAN**  
WWAN Not Supported

**Ethernet**  
No Onboard Ethernet

**Standard Ports**  
• 1x Slim tip power connector  
• 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)  
• 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On  
• 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1  
• 1x HDMI® 2.1, up to 8K/60Hz  
• 1x Headphone / microphone combo jack (3.5mm)  
• 1x SD card reader  
• 1x Magic Bay (pogo pin connector)

**Docking**  
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkBook® 16p G6 IAX](#)

SECURITY & PRIVACY

**Security Chip**  
Firmware TPM 2.0 Enabled

**Physical Locks**  
Kensington® Nano Security Slot, 2.5 x 6 mm

**Fingerprint Reader**  
Touch Style, Match-on-Chip, Integrated in Power Button

**Other Security**  
• Camera privacy shutter  
• IR camera for Windows® Hello (facial recognition)

SERVICE

**Base Warranty**  
1-year, Courier or Carry-in

**Included Upgrade**  
None

ACCESSORIES

CERTIFICATIONS

**Green Certifications**  
• ENERGY STAR® 9.0  
  
• EPEAT™ Gold Registered<sup>[7]</sup>  
• ErP Lot 6/26  
• RoHS compliant  
• TCO Certified, generation 10

**Mil-Spec Test**  
MIL-STD-810H military test passed

**Other Certifications**  
• Eyesafe® Certified 2.0  
• TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

**TopSeller** : No      **EAN / UPC / JAN**: 199272180524  
**Announce Date**: 2025-07-18      **End of Support** : 2031-12-15

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

Premier Support - A direct 24x7x365 line to our most elite technicians.

- 

Advanced technical support, 24x7x365, in more than 100 markets
- 

Technical Account Managers for proactive relationship and escalation management
- 

Comprehensive hardware & OEM software support
- 

Priority on service delivery and repair parts
- 

Single point of contact for simplified end-to-end case management
- 

Lenovo Service Connect Portal for customized reporting and product support

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs) 4XD1T54899



Lenovo Legion 17" Gaming Backpack GB800 (Light Gray) GX41U39300

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

Recommended Services

|        |  |
|--------|--|
| BEST   | 4Y Premier Support Upgrade from 1Y Courier/Carry-in (5WSOT36121) |
| BETTER | 3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WSOT36151) |
| GOOD   | 3Y Onsite upgrade from 1Y Courier/Carry-in (5WSOA23681)          |



PSREF  
Product Specifications  
Reference