



PERFORMANCE

**Processor**  
Intel® Core Ultra 7 255U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 5.2GHz, 12MB

**AI PC Category**  
AI PC<sup>[1]</sup>

**NPU**  
Integrated Intel® AI Boost, up to 12 TOPS

**Graphics**  
Integrated Intel® Graphics

**Chipset**  
Intel® SoC Platform

**Memory**  
2x 16GB SODIMM DDR5-5600

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

**Max Memory**  
Up to 64GB DDR5-5600

**Storage**  
1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

**Storage Slot**  
Models with U series processor: one M.2 2280 PCIe® 4.0 x4 slot

**Max Storage Support**<sup>[2]</sup>  
One drive, up to 2TB M.2 2280 SSD

**Optical**  
None

**Card Reader**  
None

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**  
Stereo speakers, 2W x2, Dolby Audio™

**Microphone**  
2x, 360°

**Camera**  
5.0MP + IR Discrete with Privacy Shutter

**Battery**  
86Wh

**Power Adapter**  
100W USB-C® Slim (3-pin)

DESIGN

**Display**  
16'' WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, Low Power<sup>[3]</sup>

**Touchscreen**  
None

**Screen-to-Body Ratio**  
87.22%

**Pen**  
Pen Not Supported

**Keyboard**  
Backlit, English (EU)

**Dimensions (WxDxH)**<sup>[4]</sup>  
359.7 x 250.8 x 11.8/18.14 (front/rear), 23.65 (maximum) mm; 14.16 x 9.87 x 0.46/0.71 (front/rear), 0.93 (maximum) inches

**Weight**<sup>[5]</sup>  
Starting at 1.89 kg (4.17 lbs)

**Case Color**  
Black

**Case Material**  
PC + 20% CF (Top), PC + 20% CF (Bottom)

SOFTWARE

**Operating System**  
Windows® 11 Pro, Romanian / English

**Bundled Software**  
None

CONNECTIVITY

**WLAN + Bluetooth**  
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3<sup>[6]</sup>

**WWAN**  
WWAN Upgradable to 4G

**Ethernet**  
100/1000M (RJ-45)

**Standard Ports**  
• 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)  
• 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On  
• 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1  
• 1x HDMI® 2.1, up to 4K/60Hz  
• 1x Headphone / microphone combo jack (3.5mm)  
• 1x Ethernet (RJ-45)

**Optional Ports (configured)**  
• 1x Smart Card Reader  
• 1x Nano-SIM Card Slot

**Docking**  
Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad T16 Gen 4 \(Intel\)](#)

SECURITY & PRIVACY

**ThinkShield**  
ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more detials,

visit [here](#)

**Security Chip**  
Discrete TPM 2.0 Enabled

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

**Smart Card Reader**  
Smart Card Reader

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

**Other Security**  
• Camera privacy shutter (camera models)  
• Ultrasonic Human Presence Detection  
• IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

**System Management**  
Non-vPro®

SERVICE

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

**Included Upgrade**  
3Y Premier Support HB (CPN)

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

MODEL

**TopSeller** : Yes **EAN / UPC / JAN:** 0198157861046  
**Announce Date:** 2025-05-13 **End of Support** : 2031-12-13  
· 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.

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

Comprehensive hardware & OEM software support
- 

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

Technical Account Managers for proactive relationship and escalation management
- 

Priority on service delivery and repair parts
- 

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

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Recommended Accessories



Lenovo Legion 17" Gaming Backpack GB800 (Black) GX41U39299



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams) 4XD1S19778

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

Recommended Services

BEST	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39023)
BETTER	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)
GOOD	3Y Sealed Battery Add On (5WS0A23013)



PSREF  
Product Specifications  
Reference