

**PERFORMANCE****Processor**

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

**AI PC Category**

AI PC

**NPU**

Integrated Intel® AI Boost, up to 12 TOPS

**Graphics**

Integrated Intel® Graphics

**Chipset**

Intel® SoC Platform

**Memory**

32GB Soldered LPDDR5x-8400

**Memory Slots**

Memory soldered to systemboard, no slots, dual-channel

**Max Memory**

32GB soldered memory, not upgradable

**Storage**

512GB 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>[1]</sup>**

One drive, up to 2TB M.2 2280 SSD

**Card Reader**

None

**Audio Chip**

Arrow Lake: High Definition (HD) Audio, Realtek® ALC3306 codec

**Speakers**

Stereo speakers, 2W x2, Dolby Atmos®

**Microphone**

2x, 360°

**Camera**

FHD 1080p + IR Discrete with Privacy Shutter

**Battery**

57Wh

**Power Adapter**

65W USB-C® Slim GaN (2-pin)

**DESIGN****Display**

14" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz,

**Low Power<sup>[2]</sup>****Touchscreen**

None

**Screen-to-Body Ratio**

89.2%

**Pen**

Pen Not Supported

**Keyboard**

Backlit, English

**Touchpad**

Trackpad

**Dimensions (WxDxH)<sup>[3]</sup>**

312.80 x 214.75 x 8.38/14.77 (front/rear), 17.95 (maximum) mm; 12.31 x 8.45 x 0.33/0.58 (front/rear), 0.71 (maximum) inches

**Weight<sup>[4]</sup>**

Starting at 1006 g (2.22 lbs)

**Case Color**

Black, Paint

**Case Material**

Carbon Fiber (Top), Aluminium (Bottom)

**SOFTWARE****Operating System**

Windows® 11 Pro, English (US) / English (UK)

**Bundled Software**

Intel® Connectivity Performance Suite + ThinkShield Pro (SentinelOne, Sepio, Cigent) 1-year

**CONNECTIVITY****WLAN + Bluetooth**

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

**WWAN**

Non-WWAN

**SIM Card**

None

**Ethernet**

No Onboard Ethernet<sup>[5]</sup>

**NFC**

None

**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)

**Docking**

Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad X1 Carbon Gen 13 Aura Edition](#)

**SECURITY & PRIVACY****ThinkShield**

ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details, visit [here](#)

**Security Chip**

Discrete TPM 2.0 Enabled

**Physical Locks**

Kensington® Nano Security Slot, 2.5 x 6 mm

**Fingerprint Reader**

Touch Style, Match-on-Chip, in Keyboard Key

**Other Security**

- Camera privacy shutter
- Ultrasonic Human Presence Detection
- IR camera for Windows® Hello (facial recognition)

**MANAGEABILITY****System Management**

Non-vPro®

**SERVICE****Base Warranty**

1-year, Courier or Carry-in

**ACCESSORIES****CERTIFICATIONS****Green Certifications**

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered<sup>[6]</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
- Intel® Evo™ Platform
- SGS High Performance AI PC Certification

**MODEL**

TopSeller : Yes

EAN / UPC / JAN: 199271423615

Announce Date: 2025-06-03

End of Support : 2031-11-18

- 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/Consumer>

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



Priority on service delivery and repair parts



Lenovo Service Connect Portal for customized reporting and product support



Comprehensive hardware & OEM software support



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

## 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 (Light Gray) GX41U39300



Lenovo 800 Self-Charging Bluetooth Keyboard-Russian/Cyrillic 441 GY41R69597



Lenovo Dual USB-C 65W GaN Charger GOA6065WEU

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



**PSREF**  
Product Specifications  
Reference