

PERFORMANCE

**Processor**  
Intel® Core™ Ultra 7 155U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 12MB

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

**NPU**  
Integrated Intel® AI Boost, up to 11 TOPS

**Graphics**  
Integrated Intel® Graphics

**Chipset**  
Intel® SoC Platform

**Memory**<sup>[2]</sup>  
32GB Soldered LPDDR5x-6400

**Memory Slots**  
Memory soldered to systemboard, no slots, 8-channel

**Max Memory**  
32GB soldered memory, not upgradable

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

**Storage Slot**  
One M.2 2280 PCIe® 4.0 x4 slot

**Max Storage Support**<sup>[3]</sup>  
One drive, up to 2TB M.2 2280 SSD

**Optical**  
None

**Card Reader**  
None

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

**Speakers**  
Stereo speakers, 2W x2, Dolby Atmos®

**Microphone**  
2x, Array

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

**Battery**  
57Wh

**Power Adapter**  
65W USB-C® Slim (2-pin)

DESIGN

**Display**<sup>[4]</sup>  
14" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, 60Hz, Low Power, Touch

**Touchscreen**  
On-cell, 10-point Multi-touch

**Screen-to-Body Ratio**  
89.2%

**Pen**  
Pen Not Supported

**Keyboard**  
Backlit, Spanish (LA)

**Touchpad**  
Trackpad

**Dimensions (WxDxH)**<sup>[5]</sup>  
312.80 x 214.75 x 14.96 mm (12.31 x 8.45 x 0.59 inches)

**Weight**<sup>[6]</sup>  
Starting at 1.08 kg (2.37 lbs)

**Case Color**  
Black, Paint

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

SOFTWARE

**Operating System**  
Windows® 11 Pro, Spanish

**Bundled Software**  
Intel® Connectivity Performance Suite

CONNECTIVITY

**WLAN + Bluetooth**<sup>[7]</sup>  
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

**WWAN**  
WWAN Upgradable to 4G or 5G

**SIM Card**  
None

**Ethernet**<sup>[8]</sup>  
No Onboard Ethernet

**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)

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

**Docking**  
Various docking solutions supported via Thunderbolt™ / USB-C®.  
For more compatible docking solutions, please visit [Docking for ThinkPad® X1 Carbon Gen 12](#)

SECURITY & PRIVACY

**Security Chip**  
Discrete TPM 2.0 Enabled

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

**Smart Card Reader**  
None

**Fingerprint Reader**  
Touch Style, Match-on-Chip, in Keyboard Key

**Other Security**

- Camera privacy shutter
- Ultrasonic Human Presence Detection (FHD 1080p + IR camera models)
- ThinkShield
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

**System Management**  
Non-vPro®

SERVICE

**Base Warranty**  
None

**Included Upgrade**  
3Y Onsite upgrade from 0 Base Warranty

ACCESSORIES

**Bundled Accessories**  
Lenovo® USB-C® to Ethernet Adapter (1Gbps)

CERTIFICATIONS

**Green Certifications**<sup>[9]</sup>

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- 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

MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2024-08-24
<b>EAN / UPC / JAN</b>	: 198155235016	<b>End of Support</b>	: 2030-07-08

· 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

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## Recommended Accessories



### Lenovo Wireless VoIP Headset (Teams)

4XD1M80020

The Lenovo Wireless VoIP Headset (Teams) is perfectly engineered for the modern hybrid open workspace. Its Microsoft open office Teams certification ensures professional call quality and seamlessly collaboration with...

## Recommended Services

BEST	5Y Premier Support Plus upgrade from 3Y Onsite CPN (5WS1L39511)
BETTER	3Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39079)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26638)

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



**PSREF**  
Product Specifications  
Reference