

## PERFORMANCE

### Processor

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

### NPU

Intel® AI Boost integrated in Intel® Core™ Ultra processor

### Graphics

Integrated Intel® Graphics

### Chipset

Intel® SoC Platform

### Memory

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 Performance NVMe® Opal 2.0

### Storage Support<sup>[1]</sup>

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

### Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers, 2W x2, Dolby Atmos®

### Camera

FHD 1080p + IR Discrete with Privacy Shutter

### Microphone

2x, Array

### Battery

Integrated 57Wh

### Power Adapter

65W USB-C® Slim (3-pin)

## DESIGN

### Display<sup>[2]</sup>

14" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, 60Hz, Low Power

### Keyboard

Backlit, German

### Touchpad

Haptic Touchpad

### Case Color

Black, Paint

### Case Material

Carbon Fiber (Top), Aluminium (Bottom)

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

312.80 x 214.75 x 14.96 mm (12.31 x 8.45 x 0.59 inches)

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

Starting at 1.09 kg (2.40 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, German

### Bundled Software

Intel® Connectivity Performance Suite

## CONNECTIVITY

### Ethernet<sup>[5]</sup>

No Onboard Ethernet

### WLAN + Bluetooth<sup>[6][7]</sup>

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

### WWAN

WWAN Upgradable to 4G or 5G

### 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

### Fingerprint Reader

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

### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

### Other Security

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

## MANAGEABILITY

### System Management

Non-vPro®

## SERVICE

### Base Warranty

3-year, Courier or Carry-in

### Included Upgrade

3Y Premier Support WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## CERTIFICATIONS

### Green Certifications<sup>[8]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 9.0

### Other Certifications

- Intel® Evo™ Platform
- Eyesafe® Certified 2.0

### Mil-Spec Test

MIL-STD-810H military test passed

## MODEL

**TopSeller** : Yes **Announce Date** : 2024-03-12  
**EAN / UPC / JAN** : 0197530374289 **End of Support** : 2030-07-08

### Note:

<sup>[1]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings.

<sup>[2]</sup> IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

<sup>[3]</sup> The system dimensions may vary depending on configurations.

<sup>[4]</sup> The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

<sup>[5]</sup> Ethernet support via optional Lenovo USB-C to Ethernet Adapter.

<sup>[6]</sup> Intel Wi-Fi 7 BE200 is for special bid only.

<sup>[7]</sup> Wi-Fi 6E full features might be limited by country-level.....

• Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2402?M=21KC005XGE>