

## PERFORMANCE

### Processor

Intel® Core™ Ultra 5 125U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.3GHz, 12MB

### 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

### Card Reader

None

### Optical

None

### 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

### Touchscreen

None

### 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, 11ax 2x2 + BT5.3

### WWAN

WWAN Upgradable to 4G or 5G

### SIM Card

None

### 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

### Smart Card Reader

None

### 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)

## ACCESSORIES

### Bundled Accessories<sup>[8]</sup>

None

## CERTIFICATIONS

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

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2024-04-16
<b>EAN / UPC / JAN</b>	: 0198153731664	<b>End of Support</b>	: 2030-07-08

Note:

[1] The storage capacity supported is based on the test.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2402?M=21KCO0AAGE>