

## PERFORMANCE

### Processor

Intel® Core™ Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB

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

AI PC

### NPU

Integrated Intel® AI Boost, up to 13 TOPS

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

Integrated Intel® Arc™ 140T GPU Functions as Intel® Graphics

### Chipset

Intel® SoC Platform

### Memory

1x 16GB SO-DIMM DDR5-5600

### Memory Slots

Models with U or H series processor: two DDR5 SODIMM slots, dual-channel capable

### Max Memory

Models with Core Ultra processor and Core 7 240H processor: up to 64GB DDR5-5600

### Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe® Opal 2.0

### Max Storage Support<sup>[3]</sup>

Models with U or H series processor:  
up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

### Storage Slot

Models with U or H series processor: two M.2 slots

- One M.2 2242 PCIe® 4.0 x4 slot
- One M.2 2280 PCIe® 4.0 x4 slot

### Card Reader

No card reader

### Audio Chip

High Definition (HD) Audio, Senary SN6147 codec

### Speakers

Stereo speakers, 2W x2, Dolby Atmos®, audio by HARMAN

### Camera

FHD 1080p + IR Hybrid with Privacy Shutter

### Microphone

2x, Array

### Battery

64Wh

### Power Adapter

65W USB-C® (3-pin)

## DESIGN

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

14" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, 60Hz

### Screen-to-Body Ratio

90%

### Keyboard

Backlit, English (UK)

### Case Color

Black

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Pen

Pen Not Supported

### Dimensions (WxDxH)<sup>[5]</sup>

313 x 220.3 x 10.1/15.25 (front/rear), 19.7 (maximum) mm;  
12.32 x 8.67 x 0.40/0.60 (front/rear), 0.78 (maximum) inches

### Weight<sup>[6]</sup>

Starting at 1.34 kg (2.95 lbs)

## SOFTWARE

### Operating System

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

## CONNECTIVITY

### WLAN + Bluetooth®<sup>[7]</sup>

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

### WWAN

Non-WWAN

### Ethernet

100/1000M (RJ-45)

### Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.1 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 USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.1 and DisplayPort™ 1.4

### Docking

Various docking solutions supported via Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkPad® E14 Gen 7 \(Intel®\)](#)

## SECURITY & PRIVACY

### Security Chip

Discrete TPM 2.0 Enabled

### Fingerprint Reader

Touch Style, Match-on-Chip, Integrated in Power Button

### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

### Other Security

- Camera privacy shutter
- IR camera for Windows® Hello (facial recognition)

## MANAGEABILITY

### System Management

Non-vPro®

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

1Y Premier WHB (CPN)

## CERTIFICATIONS

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

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 10.0

### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

### Mil-Spec Test

MIL-STD-810H military test passed

## MODEL

**TopSeller** : Yes **Announce Date** : 2025-04-15

**EAN / UPC / JAN** : 0198156940582 **End of Support** : 2031-11-15

Note:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.

[2] Intel Arc graphics only available on select H-series Intel Core Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel Graphics.

[3] The system supports dual SSD via two M.2 slots, but Lenovo only offers one M.2 2242 SSD configuration and M.2 2280 slot for user self-extension.

[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

[5] The system dimensions may vary depending on configurations.

[6] The system weight is approximate and based on results in.....

• 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## Recommended Accessories



### Lenovo 65W USB-C DC Travel Adapter

40AK0065WW

Power up and stay productive on the road with this DC Travel adapter. Lenovo 65W USB-C DC Travel Adapter is the universal DC adapter, providing 65W power via USB-C for outdoor use.

## Recommended Services

BETTER

3Y Premier Support upgrade from 1Y Premier Support (5WS1B38519)

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference