

## 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 32GB SO-DIMM DDR5-5600

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory<sup>[3]</sup>

Up to 64GB DDR5-5600

### Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe® Opal 2.0

### Storage Support<sup>[4]</sup>

Up to two drives, 2x M.2 SSD

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

### Storage Slot

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>[5]</sup>

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

### Touchscreen

None

### Keyboard

Backlit, German

### Case Color

Black

### Case Material

Aluminium (Top), Aluminium (Bottom)

### Pen

Pen Not Supported

### Dimensions (WxDxH)<sup>[6]</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>[7]</sup>

Starting at 1.34 kg (2.95 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, German

### Bundled Software

Lenovo® AI Now

## CONNECTIVITY

### WLAN + Bluetooth<sup>[8]</sup>

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

### WWAN

Non-WWAN

### SIM Card

None

### Ethernet

100/1000M (RJ-45)

### NFC

None

### 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® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.1 and DisplayPort™ 1.4
- 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)

### 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

### Smart Card Reader

None

### 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)

## ACCESSORIES

### Bundled Accessories

None

## CERTIFICATIONS

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

Work in progress

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2025-04-22
<b>EAN / UPC / JAN</b>	: 0198158390378	<b>End of Support</b>	: 2031-11-15

Note:

<sup>[1]</sup> 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.

<sup>[2]</sup> Intel Arc graphics only available on select H-series.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2678?M=21SX003SGE>

## 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 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

BEST	2Y Lenovo Support (Premier Support + KYD + 2Y SBTY + International Upg) (5PS1J31168)
BETTER	2Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1J31181)
GOOD	2Y Premier Support upgrade from 1Y Premier Support (5WS1B38515)

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>



**PSREF**  
Product Specifications  
Reference