



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache
- 1x 32GB SODIMM DDR5-5600
- 1TB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
- Integrated Intel Arc 140T GPU Functions as Intel Graphics
- Windows 11 Pro, German
- Case color - Black
- 1Y Premier WHB (CPN)

Premier Support - A direct 24x7x365 line to our most elite technicians.

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Advanced technical support, 24x7x365, in more than 100 markets
- 

Comprehensive hardware & OEM software support
- 

Single point of contact for simplified end-to-end case management
- 

Technical Account Managers for proactive relationship and escalation management
- 

Priority on service delivery and repair parts
- 

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

Recommended Accessories  Germany



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams)  
4XD1S19778



Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black-Nordic  
4X31R64497



ThinkPad Essential 16-inch Topload (Eco)  
4X41C12469

>> [View More Accessories](#)

Recommended Services

Best

3Y Premier Support for AIPC upgrade from 1Y Premier Support (5WS1U93942)

PERFORMANCE

Processor

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

AI PC Category

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

NPU

Integrated Intel® AI Boost, up to 13 TOPS

Graphics

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

Chipset

Intel® SoC Platform

Memory

1x 32GB SODIMM DDR5-5600

Memory Slots

Raptor Lake, Meteor Lake and Arrow Lake: two DDR5 SODIMM slots, dual-channel capable

Max Memory

Raptor Lake with H Series processors, Meteor Lake and Arrow Lake: up to 64GB DDR5-5600

Storage

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

Storage Slot

Raptor Lake, Meteor Lake and Arrow Lake: two M.2 slots • One M.2 2242 PCIe® 4.0 x4 slot • One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support

Raptor Lake, Meteor Lake and Arrow Lake: up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB • M.2 2280 SSD up to 1TB<sup>[2]</sup>

Card Reader

No card reader

Audio Chip

High Definition (HD) Audio, Senary SN6147 codec

Speakers

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

Microphone

2x, Array

Camera

FHD 1080p + IR Hybrid with Privacy Shutter

Battery

64Wh

Power Adapter

65W USB-C® (3-pin)

DESIGN

Display

16” WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB, 120Hz<sup>[3]</sup>

Touchscreen

None

Screen-to-Body Ratio

90.7%

Pen

Pen Not Supported

Keyboard

Backlit, German

Dimensions (WxDxH)<sup>[4]</sup>

356 x 249 x 10.1/17.05 (front/rear), 21.15 (maximum) mm; 14.01 x 9.80 x 0.40/0.67 (front/rear), 0.83 (maximum) inches

Weight<sup>[5]</sup>

Starting at 1.63 kg (3.59 lbs)

Case Color

Black

Case Material

Aluminium (Top), Aluminium (Bottom)

SOFTWARE

Operating System

Windows® 11 Pro, German

Bundled Software

Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth

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

WWAN

WWAN Not Supported

SIM Card

No physical SIM card inbox

Ethernet

100/1000M (RJ-45)

NFC

No NFC

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 15-65W 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 15-65W and DisplayPort™ 1.4

Docking

Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad® E16 Gen 3 \(Intel®\)](#)

SECURITY & PRIVACY

ThinkShield

ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more detials, visit [here](#)

Security Chip

Discrete TPM 2.0 Enabled

Physical Locks

Kensington Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader

No Smart Card Reader

Fingerprint Reader

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

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

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered<sup>[6]</sup>
- 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

MODEL

|                |            |                  |               |
|----------------|------------|------------------|---------------|
| TopSeller      | : Yes      | EAN / UPC / JAN: | 0198158415873 |
| Announce Date: | 2025-04-15 | End of Support   | : 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.

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.
- To view full note details, please visit the [web page](#).