



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 16GB SODIMM DDR5-5600
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe
- Integrated Intel Arc 140T GPU Functions as Intel Graphics
- Case color - Arctic Grey
- 3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in WHB (CPN)

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

- 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 Netherlands



Lenovo Wired VoIP Headset 5000 (Teams)

4XD1R88995



Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black-US Euro

4X31R64491



Lenovo 140W Smart Laptop Power Bank

40AL140WWW

>> [View More Accessories](#)

Recommended Services

Best

5Y Onsite upgrade from 3Y Courier/Carry-in (5WS0F84486)

Better

3Y Premier Support for AIPC upgrade from 3Y Courier/Carry-in (5WS1U93929)

Good

3Y Onsite upgrade from 3Y Courier/Carry-in (5WS0G59610)

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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^[1]

NPU

Integrated Intel® AI Boost, up to 13 TOPS

Graphics

Integrated Intel® Arc™ 140T GPU Functions as Intel® Graphics^[2]

Chipset

Intel® SoC Platform

Memory

1x 16GB SODIMM DDR5-5600

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Max Memory^[3]

Up to 64GB DDR5-5600

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

Max Storage Support^[4]

Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 2TB each

Card Reader

SD Card Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™

Microphone

2x, Array

Camera

FHD 1080p + IR Hybrid with Privacy Shutter

Battery

45Wh

Power Adapter

65W USB-C® (3-pin)

Special Features

Modern Standby

DESIGN

Display

16” WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, 60Hz^[5]

Touchscreen

None

Screen-to-Body Ratio

90%

Color Calibration

No Color Calibration

Pen

Pen Not Supported

Keyboard

Backlit, Bulgarian

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Dimensions (WxDxH)^[6]

356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

Weight^[7]

Starting at 1.7 kg (3.75 lbs)

Case Color

Arctic Grey

Case Material

Aluminium (Top), PC-ABS (Bottom)

Surface Treatment

Anodizing Sandblasting (Top), Texture (Bottom)

SOFTWARE

Operating System

None

Bundled Software

None

CONNECTIVITY

WLAN + Bluetooth

Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

WWAN

WWAN Not Supported

Ethernet

100/1000M (RJ-45)

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 45-65W and DisplayPort™ 1.4
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 45-65W and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x SD card reader

Docking

Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for ThinkBook® 16 G8 IAL](#)

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 Enabled

Physical Locks

Kensington Nano Security Slot™, 2.5 x 6 mm

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

3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in WHB (CPN)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test

MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	EAN / UPC / JAN: 198156366962
Announce Date:	2025-02-27	End of Support : 2031-09-27

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 max memory is based on the technical readiness of the system. Available memory to sell would vary.

^[4] The system supports dual SSD via two M.2 slots, but Lenovo offers only one SSD configuration with a second slot for user self-expansion. The max storage capacity is only technical readiness and may be different from current Lenovo storage offerings.

^[5] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

^[6] The system dimensions may vary depending on configurations.
^[7] 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.

- 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.