

PERFORMANCE

Processor

Intel® Core™ Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB

AI PC Category^[1]

AI PC

NPU

Integrated Intel® AI Boost up to 13 TOPS + Discrete NPU Card up to 32 TOPS

Graphics

NVIDIA® GeForce RTX™ 5060 8GB GDDR7, Boost Clock 2497MHz, TGP 115W, 572 AI TOPS

Chipset

Intel® HM870 Chipset

Memory

2x 16GB SODIMM DDR5-5600

Memory Slots

Two DDR5 SODIMM / CSODIMM slots, dual-channel capable

Max Memory^[2]

Up to 64GB (2x 32GB SODIMM) DDR5-5600

Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Slot

Two M.2 2280 PCIe® 5.0 x4 slots

Max Storage Support^{[3][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® ALC3306-CG codec

Speakers

Stereo speakers, 2W x2 woofers and 2W x2 tweeters, Dolby Atmos®, sound by harman/kardon, Smart Amplifier (AMP)

Microphone

2x, Array

Camera

FHD 1080p + IR Hybrid with Privacy Shutter

Battery

85Wh

Power Adapter

300W Slim Tip (3-pin)

Special Features

- AI Chip: LA3
- Modern Standby

DESIGN

Display^[5]

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, DisplayHDR™ 400, Dolby Vision®, G-SYNC®, Eyesafe®, X-Rite®

Screen-to-Body Ratio

93%

Color Calibration

X-Rite® Factory Color Calibration

Pen

Pen Not Supported

Keyboard

Backlit, Bulgarian

Touchpad

Touchpad

Dimensions (WxDxH)^[6]

354.6 x 256.2 x 17.9 mm (13.96 x 10.09 x 0.70 inches)

Weight^[7]

Starting at 2.1 kg (4.63 lbs)

Case Color

Luna Grey

Case Material

Aluminium (Top), Aluminium (Bottom)

Surface Treatment

Anodizing Sandblasting

SOFTWARE

Operating System

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

Bundled Software

Office Trial + Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth^[8]

Wi-Fi® 7, 802.11be 2x2 + BT5.4

WWAN

Non-WWAN

Ethernet

No Onboard Ethernet

Standard Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Magic Bay (pogo pin connector)
- 1x Power connector

Docking

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

For more compatible docking solutions, please visit [Docking for ThinkBook® 16p G6 IAX](#)

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)

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

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

CERTIFICATIONS

Green Certifications^[9]

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- 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
- TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller : Yes

Announce Date : 2025-07-18

EAN / UPC / JAN : 198158695329

End of Support : 2031-12-15

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] Maximum memory 64GB DDR5-5600 is only to test technical readiness of notebook. Available memory to sell would vary.

[3] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[4] The system supports dual SSD via two M.2 slots, but.....

• 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



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

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Recommended Accessories



ThinkPad Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

Recommended Services

BEST	5Y Premier Support Upgrade from 3Y Onsite (5WSOT36176)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WSOT36133)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WSOU26637)

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



PSREF
Product Specifications
Reference