

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

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

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

Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Max Storage Support^[2]

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

Storage Slot

Two M.2 2280 PCIe® 5.0 x4 slots

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)

Camera

FHD 1080p + IR Hybrid with Privacy Shutter

Microphone

2x, Array

Battery

85Wh

Power Adapter

300W Slim Tip (3-pin)

Special Features

- AI Chip: LA3
- Modern Standby

DESIGN

Display

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

Touchscreen

None

Color Calibration

Factory Color Calibration

Keyboard

Backlit, German

Touchpad

Touchpad

Case Color

Luna Grey

Surface Treatment

Anodizing Sandblasting

Case Material

Aluminium (Top), Aluminium (Bottom)

Pen

Pen Not Supported

Dimensions (WxDxH)^[3]

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

Weight^[4]

Starting at 2.1 kg (4.63 lbs)

SOFTWARE

Operating System

Windows® 11 Pro, German

Bundled Software

Office Trial + Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth®

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

SECURITY & PRIVACY

Security Chip

Firmware 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)

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

1Y Premier WHB (CPN)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications^[5]

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

Other Certifications

- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light (Hardware Solution)

Mil-Spec Test

Work in progress

MODEL

TopSeller	: Yes	Announce Date	: 2025-06-06
EAN / UPC / JAN	: 198158694087	End of Support	: 2031-12-15

Note:

^[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot.....

· 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

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Recommended Accessories



ThinkPad 15.6-inch Basic Backpack

4X40K09936

The ThinkPad 15.6" Basic Backpack offers protection and value for laptops up to 15.6" wide. It features a padded, dedicated compartment for your laptop, plus plenty of internal storage for other work essentials. A con...

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)

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



PSREF
Product Specifications
Reference