

PERFORMANCE

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

AI PC Category^[1]
AI PC

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics
Integrated Intel® Arc™ 140T GPU

Chipset
Intel® SoC Platform

Memory
24GB Soldered LPDDR5x-8533

Memory Slots
Memory soldered to systemboard, no slots, dual-channel

Max Memory
24GB soldered memory, not upgradable

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

Storage Slot
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^[2]
Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB

Optical
None

Card Reader
SD Card Reader

Audio Chip
High Definition (HD) Audio

Speakers
Stereo speakers, 2W x2, optimized with Dolby Atmos®

Microphone
2x, Array

Camera
FHD 1080p + IR with Privacy Shutter, ToF Sensor

Battery
84Wh

Power Adapter
100W USB-C® Slim (3-pin)

DESIGN

Display
16" 2.8K (2880x1800) OLED 500nits (typical) / 1100nits (peak) Glossy, 100% DCI-P3, 120Hz VRR, DisplayHDR™ True Black 1000

Touchscreen
None

Screen-to-Body Ratio
90% AAR (active area ratio)

Color Calibration
Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, Belgian

Touchpad
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

Dimensions (WxDxH)^[3]
356.8 x 251 x 15.95 mm (14.05 x 9.88 x 0.63 inches)

Weight^[4]
Starting at 1.72 kg (3.79 lbs)

Case Color
Luna Grey

Case Material
Aluminium (Top), Aluminium (Bottom)

Surface Treatment
Aluminium Stamping (Anodized with Sandblasting)

SOFTWARE

Operating System
Windows® 11 Home, Benelux (EN/FR/DE/NL)

Bundled Software
Office Trial + Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth^[5]
Wi-Fi® 7, 802.11be 2x2 + BT5.4

WWAN
Non-WWAN

Ethernet
No Onboard Ethernet

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), 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

Optional Ports (configured)
None

Docking
Various docking solutions supported via Thunderbolt™. For more compatible docking solutions, please visit [Docking for IdeaPad® Pro 5 16IAH10](#)

Monitor Cable
None

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled

Fingerprint Reader
None

Other Security

- Camera privacy shutter
- IR camera for Windows® Hello (facial recognition)

SERVICE

Base Warranty
2-year, Courier or Carry-in

Included Upgrade
2Y Premium Care with Onsite upgrade from 2Y Courier/Carry-in

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications^{[6][7]}

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

Mil-Spec Test
MIL-STD-810H military test passed (21 test items)

Other Certifications

- Eyesafe® Certified 2.0
- Intel® Evo™ Platform
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	Announce Date	: 2025-08-15
EAN / UPC / JAN	: 199272696605	End of Support	: 2031-02-07

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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.

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- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

- The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...

Recommended Services

BETTER

3Y Premium Care upgrade from 2Y
Premium Care (5WS1C83304)

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

Lenovo

PSREF
Product Specifications
Reference