

PERFORMANCE

- Processor**
 Intel® Core™ Ultra 9 285H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.4GHz, 24MB

AI PC Category^[1]
 AI PC

NPU
 Integrated Intel® AI Boost, up to 13 TOPS

Graphics
 NVIDIA® GeForce RTX™ 5050 8GB GDDR7

Chipset
 Intel® SoC Platform

Memory
 32GB Soldered LPDDR5x-8400

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

Max Memory
 32GB soldered memory, not upgradable

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

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

 - M.2 2242 SSD up to 1TB

Storage Slot
 Two M.2 slots

 - One M.2 2242 PCIe® 4.0 x4 slot
 - One M.2 2280 PCIe® 4.0 x4 slot

Card Reader
 SD Card Reader

Optical
 None

Audio Chip
 High Definition (HD) Audio

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

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

Microphone
 2x, Array

Battery
 84Wh

Power Adapter
 170W Slim Tip (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, German

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

Case Color
 Luna Grey

Case Material
 Aluminium (Top), Aluminium (Bottom)

Surface Treatment
 Aluminium Stamping (Anodized with Sandblasting)

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)

SOFTWARE

- Operating System**
 Windows® 11 Pro, German

Bundled Software
 Office Trial

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)**
 1x Power Connector

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
 <= 3 Months Premium Care

ACCESSORIES

- Bundled Accessories**
 None

CERTIFICATIONS

- Green Certifications^{[6][7]}**
 - ENERGY STAR® 9.0
 - EPEAT™ Gold Registered
 - ErP Lot 6/26
 - RoHS compliant

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

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

MODEL

- TopSeller** : No

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EAN / UPC / JAN : 199271939062

End of Support : 2031-02-07

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PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

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
- Technician Installed Customer
- Onsite Support
- 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...



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

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



PSREF
Product Specifications
Reference