

PERFORMANCE

Processor

Snapdragon® X Plus X1P-42-100, 8C, Max Turbo up to 3.4GHz (single-core) / 3.2GHz (8-core), 30MB

AI PC Category

Copilot+ PC

NPU

Qualcomm® Hexagon™ NPU, up to 45 TOPS

Graphics

Integrated Qualcomm® Adreno™ GPU

Chipset

Qualcomm® SoC Platform

Memory

16GB Soldered LPDDR5x-8448

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

16GB soldered memory, not upgradable

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support^[1]

One drive, up to 1TB M.2 2242 SSD

Storage Slot

One M.2 2242 PCIe® 4.0 x4 slot

Card Reader

SD Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Qualcomm® WCD9385 codec

Speakers

Stereo speakers (super linear speakers), 2W x2, Dolby Atmos®

Camera

FHD 1080p with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 84Wh

Power Adapter

65W USB-C® (3-pin)

DESIGN

Display^[2]

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, 60Hz

Touchscreen

None

Color Calibration

None

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

Surface Treatment

Anodizing Sandblasting

Case Material

Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)^[3]

356.4 x 248.4 x 16.7 mm (14.03 x 9.78 x 0.66 inches)

Weight^[4]

Starting at 1.82 kg (4.02 lbs)

SOFTWARE

Operating System

Windows® 11 Pro (on ARM), German

Bundled Software

Office Trial

CONNECTIVITY

Ethernet^[5]

No Onboard Ethernet

WLAN + Bluetooth^[6]

Wi-Fi® 7, 802.11be 2x2 + BT5.3

Standard Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one Always On
- 2x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.1 and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader

SECURITY & PRIVACY

Security Chip

Microsoft® Pluton 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

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

1Y Premier WHB (CPN)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications^[7]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6
- ErP Lot 26
- RoHS compliant
- TCO Certified 9.0

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

Mil-Spec Test

MIL-STD-810H military test passed

MODEL

| | | | |
|------------------------|----------------|-----------------------|--------------|
| TopSeller | : Yes | Announce Date | : 2024-08-29 |
| EAN / UPC / JAN | : 198154017767 | End of Support | : 2031-03-30 |

Product image is a sample, it may not match the real color of this model

Note:

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

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

[3] The system dimensions may vary depending on configurations.

[4] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2519?M=21NH0005GE>

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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Copilot+PC



Copilot+PC



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) |

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>



PSREF
Product Specifications
Reference