

**PERFORMANCE****Processor**

Intel Core™ Ultra 7 164U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 12MB Intel® Smart Cache

**NPU**

Integrated Intel® AI Boost, up to 11 TOPS

**Graphics**

Integrated Intel® Graphics

**Chipset**

Intel® SoC Platform

**Memory**

16GB Soldered LPDDR5x-6400<sup>[1]</sup>

**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® Opal 2.0

**Storage Slot**

One M.2 2242 PCIe® 4.0 x4 slot

**Max Storage Support**

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

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC3306-CG codec

**Speakers**

Stereo speakers, 1W x2, Dolby Audio™

**Microphone**

2x, Array

**Camera**

Front 5.0MP + IR Discrete with Privacy Shutter / Rear 8.0MP

**Battery**

42Wh

**Power Adapter**

65W USB-C® Slim (3-pin)

**DESIGN****Display**

12.3" FHD+ (1920x1280) IPS 400nits Anti-reflection / Anti-smudge, 100% sRGB, Lower Power, Touch

**Touchscreen**

GMF / GF2, 10-point Multi-touch

**Screen-to-Body Ratio**

77.69%

**Pen**

Lenovo® Digital Pen

**Keyboard**

Backlit, Italian

**Dimensions (WxDxH)<sup>[2]</sup>**

Tablet: 283.3 x 203.5 x 8.8 mm (11.15 x 8.01 x 0.35 inches) Folio keyboard: 283.3 x 217.8 x 5.7 mm (11.15 x 8.57 x 0.22 inches) Total: 283.3 x 208.1 x 14.5 mm (11.15 x 8.19 x 0.57 inches)

**Weight<sup>[3]</sup>**

Tablet: 0.76 kg (1.67 lbs) Folio keyboard: 0.34 kg (0.75 lbs) Total: 1.1 kg (2.42 lbs)

**Case Color**

Black

**Case Material**

Magnesium-aluminium

**Others**

- Location service: GPS / GLONASS / Galileo / Beidou / A-GPS
- Hinge open angle: 170°

**SOFTWARE****Operating System**

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

**Bundled Software**

Intel® Connectivity Performance Suite

**CONNECTIVITY****WLAN + Bluetooth**

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

**WWAN**

Quectel EM160R-GL, 4G LTE CAT16, with Embedded eSIM

**SIM Card**

No physical SIM card inbox

**Ethernet**

No onboard Ethernet

**NFC**

No NFC

**Standard Ports**

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 2.1
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Pogo pin connector (8-point)

**Optional Ports (configured)**

1x Nano-SIM Card Slot

**Docking**

Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad® X12 Detachable Gen 2](#)

**SECURITY & PRIVACY****ThinkShield**

ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details,

visit [here](#)

**Security Chip**

Discrete TPM 2.0 Enabled

**Physical Locks**

Kensington Nano Security Slot™, 2.65 x 6.15 mm

**Fingerprint Reader**

Touch Style, Match-on-Chip, on Keyboard

**Other Security**

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

**MANAGEABILITY****System Management**

Intel® vPro® Enterprise

**SERVICE****Base Warranty**

3-year, Courier or Carry-in with 1-year Battery

**Included Upgrade**

1Y Premier WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

**ACCESSORIES****Bundled Accessories**

ThinkPad® X12 Detachable Gen 2 Folio Keyboard

**CERTIFICATIONS****Green Certifications**

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered<sup>[4]</sup>
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

**Mil-Spec Test**

MIL-STD-810H military test passed

**MODEL**

TopSeller : Yes EAN / UPC / JAN: 0198153242979

Announce Date: 2024-06-10 End of Support : 2030-11-22

Note:

[1] Installed memory is actually LPDDR5x-7500 but runs as LPDDR5x-6400 due to platform limitation.

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

[3] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

[4] EPEAT is registered where applicable, please visit [epeat.net](#) for registration status by country.

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.

## 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



Italy



Lenovo Slim Pen 4X81P44052



Lenovo Wireless VoIP Headset (Teams)  
4XD1M80020



ThinkPad Professional 16-inch Backpack Gen  
2 4X41M69794

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference