# ThinkPad X1 2-in-1 Gen 10

**PSREF**
**Product Specifications Reference**

## PERFORMANCE

**Processor**
Intel® Core™ Ultra 7 258V, 8C (4P + 4LPE) / 8T, Max Turbo up to 4.8GHz, 12MB

**AI PC Category[1]**
Copilot+ PC

**NPU**
Integrated Intel® AI Boost, up to 47 TOPS

**Graphics**
Integrated Intel® Arc™ Graphics 140V

**Chipset**
Intel® SoC Platform

**Memory**
32GB Soldered LPDDR5x-8533, MoP Memory

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

**Max Memory**
32GB soldered memory, not upgradable

**Storage**
1TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe® Opal 2.0

**Storage Support[2]**
One drive, up to 2TB M.2 2280 SSD

**Storage Slot**
Models with V or H series processor: one M.2 2280 PCIe® 5.0 x4 slot

**Audio Chip**
Models with V series processor: High Definition (HD) Audio, Realtek® ALC713 codec

**Speakers**
Stereo speakers, 2W x2, Dolby Atmos®

**Camera**
UHD 8.0MP + IR Discrete with Privacy Shutter, MIPI, Computer Vision

**Microphone**
2x, 360°

**Battery**
57Wh

**Power Adapter**
65W USB-C® Slim GaN (3-pin)

## DESIGN

**Display[3]**
14" WUXGA (1920x1200) IPS 500nits Anti-glare / Anti-smudge, 100% sRGB, ThinkPad® Privacy Guard, Touch

**Touchscreen**
OGS, 10-point Multi-touch

**Keyboard**
Backlit, German

**Touchpad**
Haptic Touchpad

**Case Color**
Grey

**Case Material**
Aluminium (Top), Aluminium (Bottom)

**Pen**
Lenovo® Yoga® Pen

**Dimensions (WxDxH)[4]**
312.80 x 217.65 x 16.19-18.3 mm (12.31 x 8.57 x 0.64-0.72 inches)

**Weight[5]**
Starting at 1.30 kg (2.87 lbs)

## SOFTWARE

**Operating System**
Windows® 11 Pro, German

**Bundled Software**
Intel® Connectivity Performance Suite

## CONNECTIVITY

**WLAN + Bluetooth®[6]**
Intel® Wi-Fi® 7 BE201, 802.11be 2x2 + BT5.4

**WWAN**
Quectel RM520N-GL, 5G Sub-6 GHz, with Embedded eSIM

**Ethernet[7]**
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 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)

**Optional Ports (configured)**
1x Nano-SIM Card Slot

**Docking**
Various docking solutions supported via Thunderbolt™ / USB-C®.
For more compatible docking solutions, please visit Docking for ThinkPad® X1 2-in-1 Gen 10

## SECURITY & PRIVACY

**Security Chip**
Discrete TPM 2.0 Enabled

**Fingerprint Reader**
Touch Style, Match-on-Chip, in Keyboard Key

**Physical Locks**
Kensington® Nano Security Slot™, 2.5 x 6 mm

**Other Security**
- Camera privacy shutter
- Computer Vision-based User Presence Sensing including lock on leave (UHD 8.0MP + IR camera models)
- IR camera for Windows® Hello (facial recognition)
- Privacy Guard with Privacy Alert (models with ThinkPad® Privacy Guard display)

## MANAGEABILITY

**System Management**
Non-vPro®

## SERVICE

**Base Warranty**
3-year, Courier or Carry-in

**Included Upgrade**
3Y Premier Support WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## CERTIFICATIONS

**Green Certifications[8]**
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 10.0

**Other Certifications**
- Eyesafe® Certified 2.0
- Intel® Evo™ Platform
- TÜV Rheinland® Dynamic Privacy Filter (DPF) Certification (Privacy Guard models)

**Mil-Spec Test**
MIL-STD-810H military test passed

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **Announce Date** | : 2025-02-21 |
| **EAN / UPC / JAN** | : 0198156495327 | **End of Support** | : 2031-09-21 |

Note:
[1] Copilot+ PCs have at least 16GB RAM, 256GB storage, and a NPU that runs 40+ TOPs to run the latest AI tools build-in latest Windows 11 to accelerate productivity and creativity.
[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[4] The system dimensions may vary depending on configurations.
[5] 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.
[6] Wi-Fi 7 operation is subject to the regulation rules in each country.
[7] Ethernet support via optional Lenovo USB-C to Ethernet.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2522?M=21NU001UGE

## 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 Universal USB-C Dock**

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

## Recommended Services

| | |
|---|---|
| BETTER | 4Y Lenovo Support (Premier Support + KYD + 3Y SBTY + International Upg) (5PS1D67029) |
| GOOD | 3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39253) |

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

**PSREF**
**Product Specifications Reference**