

Lenovo ThinkPad X1 Carbon Gen 13 Aura Edition (21NY000WMH)

Lenovo ThinkPad X1 Carbon Gen 13 21NY - Aura Edition - AI PC - 180-degree hinge design - Intel Core Ultra 5 - 225U / up to 4.8 GHz - Evo - Win 11 Pro - Intel Graphics - 16 GB RAM - 512 GB SSD TCG Opal Encryption 2, NVMe - 14" IPS 1920 x 1200 - Wi-Fi 6E, Bluetooth - 4G/5G upgradable - black paint - kbd: English - Europe - with 3 Years Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)



The Lenovo ThinkPad X1 Carbon Gen 13 combines portability and performance in a sleek design. Featuring a 14-inch display and an anti-glare finish, it provides a viewing experience with a brightness of 500 cd/m2. This notebook is designed for productivity with its Core Ultra 5 processor and 10 efficient cores that ensure smooth multitasking capabilities. With an impressive battery life and a USB-C charger included, users can enjoy extended usage without frequent recharging. It comes equipped with a robust audio system featuring stereo speakers and Dolby Atmos technology, enhancing the audio experience for videos, music, and conference calls. Enhanced security features such as a fingerprint reader and a Discrete Trusted Platform Module (TPM 2.0) ensure that sensitive data remains protected. The integrated webcam capabilities, including a privacy shutter and support for Windows Hello, further enhance user security while providing seamless video conferencing. Moreover, the laptop's lightweight design, constructed with carbon fiber, makes it an ideal companion for professionals on the go who require reliability and performance in a compact package.

Key Selling Points

- 14-inch widescreen display with anti-glare finish
- Core Ultra 5 processor with 10 efficient cores
- Integrated Dolby Atmos audio for immersive sound
- Robust security features including fingerprint reader
- Lightweight carbon fiber construction for portability

Product Features

- Vibrant display**
The 14-inch diagonal display offers a 16:10 aspect ratio with 500 cd/m2 brightness, ensuring vivid colors and clear imagery in various lighting conditions.
- Enhanced audio experience**
Equipped with Realtek ALC3306 stereo speakers and Dolby Atmos, the sound output delivers an immersive audio experience suitable for entertainment and video calls.
- Advanced security**
Features such as a Discrete Trusted Platform Module (TPM 2.0) and a fingerprint reader provide secure access and protect sensitive information.
- Efficient performance**
Powered by a Core Ultra 5 processor with 10 efficient cores, this notebook ensures seamless multitasking and quick responsiveness to user commands.
- Durable design**
Constructed with carbon fiber, it enhances the aesthetic appeal while ensuring durability, meeting MIL-STD-810H testing standards.

Main specifications

Product Description	Lenovo ThinkPad X1 Carbon Gen 13 Aura Edition - AI PC - 14" - Intel Core Ultra 5 - 225U - Evo - 16 GB RAM - 512 GB SSD - 4G/5G upgradable - English - Europe
Product Type	Notebook - AI PC - 180-degree hinge design
Operating System	Win 11 Pro - Dutch / English / French / German / Italian
Platform Technology	Intel Evo
Processor	Intel Core Ultra 5 (Series 2) - 225U up to 4.8 GHz / 12 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 12 TOPS
Memory	16 GB LPDDR5X SDRAM (provided memory is soldered)
Storage	512 GB SSD - TCG Opal Encryption 2, NVMe
Display	14" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Intel Graphics
Keyboard	English - Europe
Keyboard Backlight	Yes
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Broadband (WWAN)	4G/5G upgradable
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Black paint

Dimensions (WxDxH)	31.28 cm x 21.475 cm x 1.795 cm
Weight	1.006 kg
Localisation	Language: English, German, French, Dutch / region: Netherlands
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified EPEAT Gold
Manufacturer Warranty	Base warranty - 3 years - pick-up and return ¦ Limited warranty - battery - 1 year ¦ Base warranty - battery - 1 year ¦ Extended warranty - 3 years - on-site - response time: next business day
Bundled Services	3 Years Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)

Extended specification

General

Product Type	Notebook - 180-degree hinge design
AI Level	AI PC
Operating System	Windows 11 Pro - Dutch / English / French / German / Italian

Memory

RAM	16 GB (provided memory is soldered)
Technology	LPDDR5X SDRAM
Speed	8400 MT/s

Manufacturer Warranty

Service & Support	Base warranty - 3 years - pick-up and return ¦ Limited warranty - battery - 1 year ¦ Base warranty - battery - 1 year ¦ Extended warranty - 3 years - on-site - response time: next business day
Bundled Services	3 Years Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)

Storage

Main Storage	512 GB SSD M.2 2280 PCIe 4.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe)
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Miscellaneous

Colour	Black paint
Case Material	Aluminium (bottom), carbon fibre (top)
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	MIL-STD-810H tested
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	USB-C GaN power adapter
Compliant Standards	RoHS, Energy-Related Products (ErP) Lot 6, Energy-Related Products (ErP) Lot 26, Eyesafe Certified 2.0
Localization	Language: English, German, French, Dutch / region: Netherlands
Manufacturer Selling Program	Lenovo TopSeller

Software

Software Included	Intel Connectivity Performance Suite
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Display

Type	14" - IPS
Resolution	1920 x 1200 (WUXGA)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Image Aspect Ratio	16:10

Image Brightness	500 cd/m²
Colour Gamut	100% sRGB
Features	Anti-glare, Low Power

Battery

Technology	Lithium polymer
Capacity	57 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	Intel Wi-Fi 6E AX 211
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	31.28 cm x 21.475 cm x 1.795 cm
Weight	1.006 kg

Processor / Chipset

CPU	Intel Core Ultra 5 (Series 2) 225U
Max Turbo Speed	4.8 GHz
Number of Cores	12-core
Performance Cores	2
Efficient Cores	10
Cache	12 MB
Platform Technology	Intel Evo
Features	Integrated memory controller

Audio & Video

Graphics Processor	Intel Graphics
Camera	Yes - 1080p
Camera Features	Privacy shutter, Windows Hello, fixed focus, Discrete IR, Ultrasonic Human Presence Detection
Sound	Stereo speakers, 360° far-field dual array microphone
Codec	Realtek ALC3306
Compliant Standards	High Definition Audio, Dolby Atmos

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Keyboard Layout	English - Europe
Features	Haptic touchpad

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 watt

Connections & Expansion

Slots	1 x Nano-SIM card (1 available)
Interfaces Details	USB 3.2 Gen 1 ¦ USB 3.2 Gen 1 (Always On) ¦ 2 x USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery 3.0) ¦ HDMI ¦ Headphone/microphone combo jack (mini-phone 3.5 mm)

Wireless Broadband (WWAN)

Generation	4G/5G upgradable
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Sustainability Information

TCO Certified	- TCO Certified, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	12 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

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