

Lenovo(21NS004UMB)

Lenovo ThinkPad X1 Carbon Gen 13 21NS - 180-degree hinge design - Intel Core Ultra 7 - 258V / up to 4.8 GHz - Evo - Win 11 Pro - Intel Arc Graphics 140V - 32 GB RAM - 1 TB SSD TCG Opal Encryption 2, NVMe, Performance - 14" OLED 2880 x 1800 (2.8K) @ 120 Hz - Wi-Fi 7, Bluetooth - 5G - black paint - kbd: Belgium - with 3 Years Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)



The Lenovo ThinkPad X1 Carbon Gen 13 combines premium materials with powerful performance in an ultra-slim design. Featuring a 14-inch anti-glare display with a 16:10 aspect ratio, this notebook ensures a comfortable viewing experience. The high-definition audio system, compliant with Dolby Atmos, delivers immersive sound through stereo speakers, making it suitable for both work and entertainment. Additionally, the integrated webcam features a privacy shutter and Windows Hello for enhanced security and convenience. With advanced connectivity options such as USB4/Thunderbolt 4 and Power Delivery, the ThinkPad X1 Carbon is ready for any challenge, ensuring productivity wherever the user goes.

Key Selling Points

- 14-inch anti-glare display with a 16:10 aspect ratio
- Dolby Atmos compliant stereo speakers for enhanced audio
- Integrated webcam with privacy shutter and Windows Hello
- Multiple connectivity options including USB4/Thunderbolt 4
- MIL-STD-810H testing for durability

Product Features

Robust audio output

Experience high-definition audio with Dolby Atmos compliance, enhancing sound quality for an immersive multimedia experience.

Versatile connectivity

Equipped with USB4/Thunderbolt 4 ports, HDMI, and headphone/microphone combo jack, ensuring seamless connections with a variety of devices.

Secure webcam features

The integrated webcam includes a privacy shutter and Windows Hello, providing security and convenience for video conferencing.

Durable design

Constructed with carbon fiber, this notebook is MIL-STD-810H tested to withstand rigorous use while maintaining a lightweight form.

Advanced processing power

Powered by Intel's Series 2 processor with integrated memory controller, delivering efficient and reliable performance for everyday tasks.

Main Specifications

Product Description	Lenovo ThinkPad X1 Carbon Gen 13 - 14" - Intel Core Ultra 7 - 258V - Evo - 32 GB RAM - 1 TB SSD - 5G - Belgium
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - Dutch / English / French / German / Italian
Platform Technology	Intel Evo
Processor	Intel Core Ultra 7 (Series 2) - 258V up to 4.8 GHz / 12 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 47 TOPS
Memory	32 GB LPDDR5X (provided memory is soldered)
Storage	1 TB SSD - TCG Opal Encryption 2, NVMe, Performance
Display	14" OLED 2880 x 1800 / 2.8K @ 120 Hz
Graphics	Intel Arc Graphics 140V
Keyboard	Belgium
Keyboard Backlight	Yes

Integrated Webcam	Yes
Copilot+ PC	Yes
Networking	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Wireless Broadband (WWAN)	5G
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 1.695 cm
Weight	986 g
Localisation	Language: English, German, French, Dutch / region: Belgium
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

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Keyboard Layout	Belgium
Features	Haptic touchpad

AC Adapter

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

Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 258V
Max Turbo Speed	4.8 GHz
Number of Cores	8-core
Performance Cores	4
Efficient Cores	4
Cache	12 MB
Platform Technology	Intel Evo
Features	Integrated memory controller

Display

Type	14" OLED
Resolution	2880 x 1800 (2.8K)
V-Sync Rate at Max Res.	120 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	500 cd/m ²
Colour Gamut	100% DCI-P3
Features	Anti-glare, anti-reflective, anti-smudge, HDR 500 True Black, Dolby Vision, Variable refresh rate (VRR)

Sustainability Information

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

Software

Software Included	Intel Connectivity Performance Suite, Lenovo AI Now
Copilot+ PC	Yes

Battery

Technology	Lithium polymer
Capacity	57 Wh

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, SGS High Performance AI PC
Localization	Language: English, German, French, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller

Wireless Broadband (WWAN)

Generation	5G
Cellular Band	5G Sub-6 Ghz
Controller	Quectel RM520N-GL

Dimensions & Weight

Dimensions (WxDxH)	31.28 cm x 21.475 cm x 1.695 cm
Weight	986 g

Communications

Wireless	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Wireless Controller	Intel WI-FI 7 BE201
Features	Dual stream (2x2)

Audio & Video

Graphics Processor	Intel Arc Graphics 140V
Camera	Yes - 1080p
Camera Features	Privacy shutter, Windows Hello, fixed focus, Discrete IR
Sound	Stereo speakers, 360° far-field dual array microphone
Codec	Realtek ALC713
Compliant Standards	High Definition Audio, Dolby Atmos

Memory

RAM	32 GB (provided memory is soldered)
Technology	LPDDR5X SDRAM
Speed	8533 MT/s
Rated Speed	4267 MHz

General

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

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	1 TB SSD M.2 2280 PCIe 5.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe), Performance
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Connections & Expansion

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)
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Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	47 TOPS

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