

Lenovo ThinkPad X1 Carbon Gen 13 Aura Edition (21NY000XMB)

Lenovo ThinkPad X1 Carbon Gen 13 21NY - Aura Edition - AI PC - 180-degree hinge design - Intel Core Ultra 7 - 255U / up to 5.2 GHz - Evo - Win 11 Pro - Intel Graphics - 32 GB RAM - 1 TB SSD TCG Opal Encryption 2, NVMe - 14" IPS 1920 x 1200 - Wi-Fi 6E, Bluetooth - 4G/5G upgradable - 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 sleek design with powerful performance for mobile professionals. With a 14-inch anti-glare display offering 500 cd/m² brightness and a 16:10 aspect ratio, viewing content is an immersive experience while on the go. The device is equipped with integrated high definition audio and Dolby Atmos technology, ensuring quality sound whether in meetings or when enjoying media. Privacy is a priority, featuring a webcam with Windows Hello and a privacy shutter for secure video calls. Built to endure, this notebook meets MIL-STD-810H standards and comes with an advanced carbon fiber case, offering durability in various environments. The rapid charging capability ensures that productivity is never hindered, making the ThinkPad X1 Carbon Gen 13 a reliable work companion.

Key Selling Points

- 14-inch anti-glare display with high brightness
- Integrated Dolby Atmos for enhanced audio quality
- Webcam with privacy shutter and Windows Hello support
- MIL-STD-810H tested for durability
- Secure fingerprint reader and TPM 2.0 security chip

Product Features

High brightness display
The 14-inch display offers a brightness level of 500 cd/m², enhancing visibility regardless of ambient light conditions for a better viewing experience.

Robust audio performance
With compliant standards like high definition audio and Dolby Atmos, this notebook delivers rich sound quality, perfect for professional presentations and leisure activities.

Enhanced security features
Equipped with a fingerprint reader and a Discrete Trusted Platform Module (TPM 2.0) security chip, the device offers protection for sensitive information, ensuring peace of mind.

Durable design
Constructed with carbon fiber and tested to MIL-STD-810H standards, this device is built to withstand the rigors of daily use while maintaining a lightweight profile.

Convenient connectivity options
Featuring a variety of ports, including USB4/Thunderbolt 4 and HDMI, along with USB-C Power Delivery, users can easily connect to multiple devices and enjoy fast data transfer rates.

Main Specifications

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|-----------------------------|---|
| Product Description | Lenovo ThinkPad X1 Carbon Gen 13 Aura Edition - AI PC - 14" - Intel Core Ultra 7 - 255U - Evo - 32 GB RAM - 1 TB SSD - 4G/5G upgradable - Belgium |
| 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 7 (Series 2) - 255U up to 5.2 GHz / 12 MB Cache |
| Neural Processor Unit (NPU) | Intel AI Boost - up to 12 TOPS |
| Memory | 32 GB LPDDR5X SDRAM (provided memory is soldered) |
| Storage | 1 TB SSD - TCG Opal Encryption 2, NVMe |
| Display | 14" 1920 x 1200 / WUXGA @ 60 Hz |
| Graphics | Intel Graphics |
| Keyboard | Belgium |
| 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: 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

General

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

Memory

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|-------------|-------------------------------------|
| RAM | 32 GB (provided memory is soldered) |
| Technology | LPDDR5X SDRAM |
| Speed | 8400 MT/s |
| Rated Speed | 4200 MHz |

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

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|--------------|--|
| Main Storage | 1 TB SSD M.2 2280 PCIe 5.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe) |
|--------------|--|

Miscellaneous

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|------------------------------|--|
| 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 |

Software

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|-------------------|--------------------------------------|
| Software Included | Intel Connectivity Performance Suite |
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Display

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| Type | 14" - IPS |
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|-------------------------|-----------------------|
| Resolution | 1920 x 1200 (WUXGA) |
| V-Sync Rate at Max Res. | 60 Hz |
| Widescreen | Yes |
| Image Aspect Ratio | 16:10 |
| Image Brightness | 500 cd/m ² |
| Colour Gamut | 100% sRGB |
| Features | Anti-glare, Low Power |

Battery

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|------------|-----------------|
| Technology | Lithium polymer |
| Capacity | 57 Wh |

Communications

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|---------------------|---|
| 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

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|---------------------|------------------------------------|
| CPU | Intel Core Ultra 7 (Series 2) 255U |
| Max Turbo Speed | 5.2 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

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|---------------------|---|
| 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

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

AC Adapter

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

Connections & Expansion

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|--------------------|---|
| 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)

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|------------|------------------|
| Generation | 4G/5G upgradable |
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Sustainability Information

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

Neural Processor Unit (NPU)

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|---|--|
| 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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