

## Lenovo ThinkPad X1 Carbon Gen 13 Aura Edition

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Lenovo PSREF-Modell: 21NX00F4GE



Lenovo ThinkPad X1 Carbon Gen 13 Aura Edition: Intel Core Ultra 7 255U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 5.2GHz, 12MB Intel Smart Cache, 32GB Soldered LPDDR5X-8400, 1TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe Opal 2.0, Integrated Intel Graphics, Windows 11 Pro, German, Case color - Black, Paint, 3Y Premier Support WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects).

### Leistung & Architektur

<b>Prozessor</b>	Intel Core Ultra 7 255U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 5.2GHz, 12MB Intel Smart Cache
<b>KI-PC-Kategorie</b>	AI PC
<b>NPU (KI-Beschleuniger)</b>	Integrated Intel AI Boost, up to 12 TOPS
<b>Grafikkarte</b>	Integrated Intel Graphics
<b>Chipsatz</b>	Intel SoC Platform

### Speicher & Laufwerke

<b>Arbeitsspeicher (RAM)</b>	32GB Soldered LPDDR5X-8400
<b>RAM-Steckplaetze</b>	Memory soldered to systemboard, no slots, dual-channel
<b>Max. Arbeitsspeicher</b>	32GB soldered memory, not upgradable
<b>Festplatte (Storage)</b>	1TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe Opal 2.0
<b>M.2-Steckplaetze</b>	Models with U series processor: one M.2 2280 PCIe 4.0 x4 slot
<b>Max. Festplattenkapazitaet</b>	One drive, up to 2TB M.2 2280 SSD
<b>Kartenleser</b>	No Card Reader

### Display & Design

<b>Display</b>	14" 2.8K (2880x1800) OLED 500nits Anti-glare / Anti-reflection / Anti-smudge, 100% DCI-P3, 120Hz VRR, DisplayHDR True Black 500, Dolby Vision, Touch
<b>Touchscreen</b>	Add-on Film Touch, 10-point Multi-touch
<b>Stifteingabe</b>	Pen Not Supported
<b>Tastatur</b>	Backlit, German
<b>Gehaeusefarbe</b>	Black, Paint
<b>Gehaeusematerial</b>	Carbon Fiber (Top), Aluminium (Bottom)
<b>Abmessungen (BxTxH)</b>	312.80 x 214.75 x 8.08/14.37 (front/rear), 16.95 (maximum) mm; 12.31 x 8.45 x 0.32/0.56 (front/rear), 0.67 (maximum) inches
<b>Gewicht</b>	Starting at 1006 g (2.22 lbs)

## Konnektivitaet & Multimedia

<b>WLAN + Bluetooth</b>	Intel Wi-Fi 6E AX211, 802.11ax 2x2 + BT5.3
<b>Mobilfunk (WWAN)</b>	WWAN Upgradable to 4G or 5G
<b>SIM-Karte</b>	No SIM card included (nano-SIM card slot available)
<b>Ethernet</b>	No Onboard Ethernet
<b>NFC</b>	No NFC
<b>Standard-Anschluesse</b>	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 15-65W and DisplayPort 2.1 1x HDMI 2.1, up to 4K/60Hz 1x Headphone / microphone combo jack (3.5mm)
<b>Optionale Anschluesse</b>	1x Nano-SIM Card Slot
<b>Docking</b>	Various docking solutions supported via Thunderbolt / USB-C. For more compatible docking solutions, please visit Docking for ThinkPad X1 Carbon Gen 13 Aura Edition
<b>Audio-Chip</b>	Arrow Lake: High Definition (HD) Audio, Realtek ALC3306 codec
<b>Lautsprecher</b>	Stereo speakers, 2W x2, Dolby Atmos

<b>Mikrofon</b>	2x, 360°
<b>Kamera</b>	UHD 8.0MP + IR Discrete with Privacy Shutter, MIPI, Computer Vision
<b>Akku</b>	57Wh
<b>Stromversorgung</b>	65W USB-C Slim GaN (3-pin)

## Software, Sicherheit & Garantie

<b>Betriebssystem</b>	Windows 11 Pro, German
<b>Mitgelieferte Software</b>	Intel Connectivity Performance Suite
<b>ThinkShield</b>	ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details, visit here
<b>Sicherheits-Chip</b>	Discrete TPM 2.0 Enabled
<b>Physische Sicherung</b>	Kensington Nano Security Slot, 2.5 x 6 mm
<b>Fingerabdruckscanner</b>	Touch Style, Match-on-Chip, in Keyboard Key
<b>Weitere Sicherheit</b>	Computer Vision-based Human Presence Detection Camera privacy shutter IR camera for Windows Hello (facial recognition)
<b>System-Management</b>	Non-vPro
<b>Herstellergarantie</b>	3-year, Courier or Carry-in with 1-year Battery
<b>Garantie-Upgrade</b>	3Y Premier Support WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)
<b>Mitgeliefertes Zubehoer</b>	None
<b>Zertifizierungen</b>	ENERGY STAR 9.0 EPEAT Gold Registered ErP Lot 6/26 RoHS compliant TCO Certified, generation 10
<b>Militaerstandard</b>	MIL-STD-810H military test passed
<b>EAN / UPC / JAN</b>	0199271325254

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<b>Support-Ende</b>	2031-11-18
<b>Ankuendigungsdatum</b>	2025-05-13