



**Lenovo ThinkPad X9-14 Gen 1 Copilot+ PC Intel Core Ultra 7 258V Laptop 35,6 cm (14") Touchscreen 2.8K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Deutsch Grau**

**Marke :** Lenovo **Produktfamilie:** ThinkPad **Artikel-Code:** 21QA001PGE

**Produktname :** ThinkPad X9-14 Gen 1 Copilot+ PC



- Intel Core Ultra 7 258V, 8C (4P + 4LPE)/8T, Max Turbo up to 4.8GHz, 12MB
- 14" 2.8K (2880x1800) OLED 500nits Anti-reflection / Anti-smudge 100% DCI-P3 30-120Hz VRR DisplayHDR True Black 600 Dolby Vision Touch
- 32GB LPDDR5x-8533, MoP Memory
- 1TB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
- Intel Arc Graphics 140V
- Windows 11 Pro

Intel Core Ultra 7 258V, 8C (4P + 4LPE)/8T, Max Turbo up to 4.8GHz, 12MB, 32GB LPDDR5x-8533, MoP Memory, 1TB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0, 14" 2.8K (2880x1800) OLED 500nits Anti-reflection / Anti-smudge 100% DCI-P3 30-120Hz VRR DisplayHDR True Black 600 Dolby Vision Touch, Intel Arc Graphics 140V, Intel Wi-Fi 7 BE201 802.11be 2x2 + BT5.4, UHD 8.0MP with Large Sensor + IR Discrete, with E-Shutter, ToF Sensor, MIPI, Windows 11 Pro



| Design                                       |                                         | Audio                             |                     |
|----------------------------------------------|-----------------------------------------|-----------------------------------|---------------------|
| Name der Farbe                               | Grey                                    | Eingebautes Mikrofon              | ✓                   |
| Produkttyp *                                 | Laptop                                  | Mikrofonanzahl                    | 2                   |
| Produktfarbe *                               | Grau                                    | <b>Kamera</b>                     |                     |
| Formfaktor *                                 | Klappgehäuse                            | Frontkamera                       | ✓                   |
| Gehäusematerial                              | Aluminium                               | Auflösung Frontkamera (numerisch) | 8 MP                |
| Bildschirm                                   |                                         | Frontkamera HD Typ                | Ultra HD            |
| Bildschirmdiagonale *                        | 35,6 cm (14")                           | Infrarot (IR)-Kamera              | ✓                   |
| Display-Auflösung *                          | 2880 x 1800 Pixel                       | Privatsphärenkamera               | ✓                   |
| Touchscreen *                                | ✓                                       | Art der Privatsphäre              | Sichtschutzblende   |
| HD-Typ                                       | 2.8K                                    | Netzwerk                          |                     |
| Panel-Typ                                    | OLED                                    | Top WLAN-Standard *               | Wi-Fi 7 (802.11be)  |
| LED-Hintergrundbeleuchtung                   | ✓                                       | WLAN-Standards                    | Wi-Fi 7 (802.11be)  |
| Natives Seitenverhältnis                     | 16:10                                   | Mobile Netzwerkverbindung *       | ✗                   |
| Anti-Reflexionsbeschichtung                  | ✓                                       | Antennentyp                       | 2x2                 |
| Anti-Schmutz-Beschichtung                    | ✓                                       | WLAN-Controllermodell             | Intel Wi-Fi 7 BE201 |
| Helligkeit                                   | 500 cd/m²                               | Hersteller von WLAN-Controllern   | Intel               |
| RGB-Farbraum                                 | DCI-P3                                  | Ethernet/LAN                      | ✗                   |
| Farbskala                                    | 100%                                    | Bluetooth                         | ✓                   |
| Maximale Bildwiederholrate                   | 120 Hz                                  | Bluetooth-Version                 | 5.4                 |
| Kontrastverhältnis                           | 100000:1                                | Nahfeldkommunikation (NFC)        | ✗                   |
| High Dynamic Range Video (HDR) Unterstützung | ✓                                       | WWAN                              | Nicht installiert   |
| Technologie mit hohem Dynamikbereich (HDR)   | DisplayHDR True Black 600, Dolby Vision | Anschlüsse und Schnittstellen     |                     |
| Prozessor                                    |                                         | Anzahl HDMI-Anschlüsse *          | 1                   |
| Prozessorhersteller *                        | Intel                                   | HDMI-Version                      | 2.1                 |
| Prozessorfamilie *                           | Intel Core Ultra 7                      | Anzahl Thunderbolt 4-Ports        | 2                   |
| Prozessorgeneration                          | Intel Core Ultra (Series 2)             | Intel® Thunderbolt 4              | ✓                   |

| Prozessor                                       |                                                | Anschlüsse und Schnittstellen              |   |
|-------------------------------------------------|------------------------------------------------|--------------------------------------------|---|
| Prozessor *                                     | 258V                                           | Kombinierter Kopfhörer-/Mikrofon-Anschluss | ✓ |
| Anzahl Prozessorkerne                           | 8                                              | USB-Typ-C DisplayPort-Wechselmodus         | ✓ |
| Prozessor-Threads                               | 8                                              |                                            |   |
| Prozessor Boost-Frequenz                        | 4,8 GHz                                        |                                            |   |
| Leistungskerne                                  | 4                                              |                                            |   |
| Low Power Efficient-Core                        | 4                                              |                                            |   |
| Leistungskern maximale Turbofrequenz            | 4,8 GHz                                        |                                            |   |
| Low Power Efficient-Core maximale Turbofrequenz | 3,7 GHz                                        |                                            |   |
| Leistung Basisfrequenz des Kerns                | 2,2 GHz                                        |                                            |   |
| Low Power Efficient-Core Basisfrequenz          | 2200 MHz                                       |                                            |   |
| Prozessor-Cache                                 | 12 MB                                          |                                            |   |
| Prozessor Cache Typ                             | Smart Cache                                    |                                            |   |
| Grundleistung des Prozessors                    | 17 W                                           |                                            |   |
| Maximale Turboleistung                          | 37 W                                           |                                            |   |
| Neuronale Prozessoreinheit (NPU)                |                                                |                                            |   |
| Copilot+ PC                                     | ✓                                              |                                            |   |
| Neuronale Prozessoreinheit (NPU)                | Intel AI Boost                                 |                                            |   |
| Sparsity Support                                | ✓                                              |                                            |   |
| Unterstützung für Windows Studio-Effekte        | ✓                                              |                                            |   |
| Von der NPU unterstützte AI-Software-Frameworks | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN |                                            |   |
| Gesamtleistung des Prozessors bis zu            | 115 Tera-Vorgänge pro Sekunde                  |                                            |   |
| NPU-Leistung bis zu                             | 47 Tera-Vorgänge pro Sekunde                   |                                            |   |
| GPU-Leistung bis zu                             | 64 Tera-Vorgänge pro Sekunde                   |                                            |   |
| Speicher                                        |                                                |                                            |   |
| Speicherkapazität *                             | 32 GB                                          |                                            |   |
| Interner Speichertyp                            | LPDDR5x-SDRAM                                  |                                            |   |
| Speichertaktfrequenz                            | 8533 MHz                                       |                                            |   |
| Memory Formfaktor                               | On-board                                       |                                            |   |
| RAM-Speicher maximal *                          | 32 GB                                          |                                            |   |
| Speicherkanäle                                  | Zweikanalig                                    |                                            |   |
| Speichermedium                                  |                                                |                                            |   |
| Gesamtspeicherkapazität *                       | 1 TB                                           |                                            |   |
| Speichermedien *                                | SSD                                            |                                            |   |
| Gesamtkapazität der SSDs                        | 1 TB                                           |                                            |   |
| Anzahl SSD installiert                          | 1                                              |                                            |   |
| SSD Speicherkapazität                           | 1 TB                                           |                                            |   |
| SSD Schnittstelle                               | PCI Express 4.0                                |                                            |   |
| NVMe                                            | ✓                                              |                                            |   |
| SSD-Formfaktor                                  | M.2                                            |                                            |   |
| Optisches Laufwerk - Typ *                      | ✗                                              |                                            |   |
| Integrierter Kartenleser                        | ✗                                              |                                            |   |
| Grafik                                          |                                                |                                            |   |
| Separates Grafikkartenmodell *                  | Nicht verfügbar                                |                                            |   |
| Eingebaute Grafikkadpter *                      | ✓                                              |                                            |   |
| Hersteller der eingebauten GPU                  | Intel                                          |                                            |   |
| Separater Grafikkadpter *                       | ✗                                              |                                            |   |
| On-Board-Grafikkadpterfamilie                   | Intel Arc Graphics                             |                                            |   |
| Eingebautes Grafikkartenmodell *                | Intel Arc Graphics 140V                        |                                            |   |
| Audio                                           |                                                |                                            |   |
| Audio-Chip                                      | Cirrus Logic CS42L43                           |                                            |   |
| Audio-System                                    | Dolby Atmos                                    |                                            |   |
| Anzahl eingebauter Lautsprecher                 | 2                                              |                                            |   |
| Lautsprecherleistung                            | 2 W                                            |                                            |   |
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| Gewicht und Abmessungen |          |
|-------------------------|----------|
| Breite                  | 311,8 mm |
| Tiefe                   | 212,3 mm |
| Höhe                    | 17,2 mm  |
| Höhe (vorne)            | 6,7 mm   |
| Höhe (hinten)           | 1,72 cm  |
| Gewicht *               | 1,27 kg  |
| Lieferumfang            |          |
| AC-Netzadapter *        | ✓        |



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### Catalog Object Cloud



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