



Lenovo ThinkPad X1 2-in-1 Gen 10 Aura Edition Intel Core Ultra 7 255U Hybrid (2-in-1) 35.6 cm (14") Touchscreen WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : Lenovo

Product family: ThinkPad

Product code: 21Q00034US

Product name : ThinkPad X1 2-in-1 Gen 10 Aura Edition

- Intel Core Ultra 7 255U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 5.2GHz, 12MB
- 14" WUXGA (1920x1200) IPS 500nits Anti-reflection / Anti-smudge 100% sRGB 60Hz Low Power Touch
- 16GB LPDDR5x-8400
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Intel Graphics
- Windows 11 Pro

Intel Core Ultra 7 255U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 5.2GHz, 12MB, 16GB LPDDR5x-8400, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 14" WUXGA (1920x1200) IPS 500nits Anti-reflection / Anti-smudge 100% sRGB 60Hz Low Power Touch, Intel Graphics, Intel Wi-Fi 6E AX211 802.11ax 2x2 + BT5.3, FHD 1080p + IR Discrete with Privacy Shutter, Windows 11 Pro



| Design | | Graphics | |
|---------------------------|-----------------------------|--------------------------------|----------------------|
| Product type * | Hybrid (2-in-1) | On-board graphics card family | Intel Graphics |
| Product colour * | Grey | On-board graphics card model * | Intel Graphics |
| Form factor * | Convertible (Folder) | Audio | |
| Housing material | Aluminium | Audio chip | Realtek ALC3306 |
| Display | | Number of built-in speakers | 2 |
| Display diagonal * | 35.6 cm (14") | Speaker power | 2 W |
| Display resolution * | 1920 x 1200 pixels | Built-in microphone | ✓ |
| Touchscreen * | ✓ | Number of microphones | 2 |
| HD type | WUXGA | Camera | |
| Panel type | IPS | Front camera | ✓ |
| LED backlight | ✓ | Front camera resolution | 1920 x 1080 pixels |
| Native aspect ratio | 16:10 | Front camera HD type | Full HD |
| Display brightness | 500 cd/m² | Infrared (IR) camera | ✓ |
| RGB colour space | sRGB | Privacy camera | ✓ |
| Colour gamut | 100% | Privacy type | Privacy shutter |
| Maximum refresh rate | 60 Hz | Network | |
| Processor | | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Processor manufacturer * | Intel | Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Processor family * | Intel Core Ultra 7 | Mobile network connection * | ✗ |
| Processor generation | Intel Core Ultra (Series 2) | Antenna type | 2x2 |
| Processor model * | 255U | WLAN controller model | Intel Wi-Fi 6E AX211 |
| Processor cores | 12 | WLAN controller manufacturer | Intel |
| Processor threads | 14 | Ethernet LAN | ✗ |
| Processor boost frequency | 5.2 GHz | Bluetooth | ✓ |
| Performance cores | 2 | Bluetooth version | 5.3 |
| Efficient cores | 8 | Near Field Communication (NFC) | ✗ |
| Low Power Efficient-cores | 2 | | |

| Processor | | Network | |
|--|--|---|--------------------------------------|
| Performance-core Max Turbo Frequency | 5.2 GHz | WWAN | Not installed |
| Efficient-core Max Turbo Frequency | 4.2 GHz | Ports & interfaces | |
| Low Power Efficient-core Max Turbo Frequency | 2.4 GHz | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Performance-core base frequency | 2 GHz | HDMI ports quantity * | 1 |
| Efficient-core base frequency | 1.7 GHz | HDMI version | 2.1 |
| Low Power Efficient-core Base Frequency | 700 MHz | Thunderbolt 4 ports quantity | 2 |
| Processor cache | 12 MB | Intel® Thunderbolt 4 | ✓ |
| Processor base power | 15 W | Combo headphone/mic port | ✓ |
| Maximum turbo power | 57 W | USB Sleep-and-Charge | ✓ |
| Neural processor unit (NPU) | | Performance | |
| Neural processor unit (NPU) | Intel AI Boost | Motherboard chipset | Intel SoC |
| Sparsity support | ✓ | Keyboard | |
| Windows Studio effects support | ✓ | Pointing device | ThinkPad UltraNav |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Numeric keypad * | ✗ |
| Memory | | Keyboard backlit | ✓ |
| Internal memory * | 16 GB | Software | |
| Internal memory type | LPDDR5x-SDRAM | Operating system architecture | 64-bit |
| Memory clock speed | 8400 MHz | Operating system installed * | Windows 11 Pro |
| Memory form factor | On-board | Bundled software | Intel Connectivity Performance Suite |
| Maximum internal memory * | 16 GB | Battery | |
| Storage | | Battery capacity * | 57 Wh |
| Total storage capacity * | 512 GB | Power | |
| Storage media * | SSD | AC adapter power | 65 W |
| Total SSDs capacity | 512 GB | USB Type-C charging port * | ✓ |
| Number of SSDs installed | 1 | USB Power Delivery (USB PD) | ✓ |
| SSD capacity | 512 GB | Security | |
| SSD interface | PCI Express 4.0 | Cable lock slot | ✓ |
| NVMe | ✓ | Cable lock slot type | Kensington |
| SSD form factor | M.2 | Fingerprint reader | ✓ |
| Optical drive type * | ✗ | Smart card reader | ✗ |
| Card reader integrated | ✗ | Windows Hello | ✓ |
| Graphics | | Trusted Platform Module (TPM) | ✓ |
| Discrete graphics card model * | Not available | Trusted Platform Module (TPM) version | 2.0 |
| On-board graphics card * | ✓ | Certificates | |
| On-board GPU manufacturer | Intel | Certification | ENERGY STAR,TCO,EPEAT Gold,RoHS |
| Discrete graphics card * | ✗ | Weight & dimensions | |
| | | Width | 312.8 mm |
| | | Weight * | 1.22 kg |
| | | Packaging content | |
| | | AC adapter included * | ✓ |



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