

Lenovo

Lenovo ThinkPad X1 2-in-1 Intel Core Ultra 7 155U Hybride (2-en-1) 35,6 cm (14") Écran tactile WUXGA 32 Go LPDDR5x-SDRAM 1 To SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Gris

Marque : Lenovo

Famille de produit: ThinkPad

Code produit: 21KE002MMH

Nom du produit : X1 2-in-1

- Intel Core Ultra 7 155U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12Mo
- 14" WUXGA (1920x1200) IPS 400nits / Anti-smudge 100% sRGB 60Hz Low Power Touch
- 32Go LPDDR5x-6400
- 1To SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Intel Graphics
- Windows 11 Pro

Intel Core Ultra 7 155U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12Mo, 32Go LPDDR5x-6400, 1To SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 14" WUXGA (1920x1200) IPS 400nits / 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

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Design		Camera	
Colour name	Grey	Front camera	✓
Product type *	Hybrid (2-in-1)	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Convertible (Folder)	Infrared (IR) camera	✓
Housing material	Aluminium	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	35.6 cm (14")	Network	
Display resolution *	1920 x 1200 pixels	Mobile network generation	5G
Touchscreen *	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WUXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✓
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 6E AX211
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	400 cd/m ²	Ethernet LAN	✗
RGB colour space	sRGB	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
Maximum refresh rate	60 Hz	Near Field Communication (NFC)	✗
Contrast ratio (typical)	1000:1	WWAN	Installed
Processor		WWAN controller	Quectel RM520N-GL
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	Intel® Core™ Ultra (Series 1)	HDMI ports quantity *	1
Processor model *	155U	HDMI version	2.1
Processor cores	12	Thunderbolt 4 ports quantity	2
Processor threads	14	Intel® Thunderbolt 4	✓
Processor boost frequency	4.8 GHz		
Performance cores	2		

Processor		Ports & interfaces	
Efficient cores	8	Combo headphone/mic port	✓
Low Power Efficient-cores	2	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.8 GHz	USB Sleep-and-Charge	✓
Efficient-core Max Turbo Frequency	3.8 GHz	USB Sleep-and-Charge ports	1
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Performance	
Performance-core base frequency	1.7 GHz	Motherboard chipset	Intel SoC
Efficient-core base frequency	1.2 GHz	Keyboard	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	ThinkPad UltraNav
Processor cache	12 MB	Keyboard language	English
Processor cache type	Smart Cache	Numeric keypad *	✗
Processor base power	15 W	Keyboard backlit	✓
Maximum turbo power	57 W	Spill-resistant keyboard	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Maximum frequency NPU	1.4 GHz	Operating system language	German, Dutch, English, French, Italian
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Bundled software	Intel Connectivity Performance Suite
AI datatype support on NPU	FP16, FP32, Int8	Battery	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery technology	Lithium Polymer (LiPo)
Memory		Battery capacity *	57 Wh
Internal memory *	32 GB	Fast charging	✓
Internal memory type	LPDDR5x-SDRAM	Power	
Memory clock speed	6400 MHz	AC adapter power	65 W
Memory form factor	On-board	AC adapter frequency	50/60 Hz
Maximum internal memory *	32 GB	AC adapter input voltage	100 - 240 V
Memory channels	Octa-channel	USB Type-C charging port *	✓
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	1 TB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	1 TB	Cable lock slot type	Kensington
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	1 TB	Smart card reader	✗
SSD interface	PCI Express 4.0	Windows Hello	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Password protection	✓
Card reader integrated	✗	Password protection type	BIOS, Power on, SSD, Supervisor
Graphics		Operational conditions	
Discrete graphics card model *	Not available	Operating temperature (T-T)	5 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	5 - 43 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	8 - 95%
Discrete graphics card *	✗	Storage relative humidity (H-H)	5 - 95%
On-board graphics card family	Intel Graphics	Maximum shipping altitude	3048 m
On-board graphics card model *	Intel Graphics	Certificates	
Audio		Compliance certificates	RoHS
Audio chip	Realtek ALC3306	Certification	MIL-STD-810H military test passed
Audio system	Dolby Atmos	Sustainability	
Number of built-in speakers	2	Sustainability compliance	✓
Speaker power	2 W	Sustainability certificates	ENERGY STAR, EPEAT Gold, ErP, TCO
Built-in microphone	✓		
Number of microphones	2		

Weight & dimensions

Width	312.8 mm
Depth	217.7 mm
Height	15.5 mm
Weight *	1.35 kg

Packaging content

AC adapter included *	✓
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