



Lenovo ThinkPad X1 Carbon Gen 12 Intel Core Ultra 5 125U Laptop 35,6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Schwarz

Marke : Lenovo

Produktfamilie: ThinkPad

Artikel-Code: 21KC004PMZ

Produktname : X1 Carbon Gen 12



Intel Core Ultra 5 125U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.3GHz, 12MB, 16GB LPDDR5x-6400, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 14" WUXGA (1920x1200) IPS 400nits 100% sRGB 60Hz Low Power, 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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Ihr Lieblings-Notebook. Jetzt mit noch mehr tollen Funktionen.

Branchenführendes, ultramobiles 14" Notebook für Berufstätige, die viel unterwegs sind
Das weltweit erste Notebook mit Intel® Core™ Ultra Prozessoren und integrierter KI
Akkuenergie für einen ganzen Tag, sofortiges Aufwecken und Intel® Unison™ mit Intel® Evo™ Edition
Grandioser Sound: Dolby Voice®, Dolby Atmos® und Zoom-zertifiziert
Mit recycelten Post-Industrie- und Post-Verbraucher-Materialien



Design		Audio	
Colour name	Black, Paint	Number of built-in speakers	2
Product type *	Laptop	Speaker power	2 W
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	2
Housing material	Aluminium	Camera	
Display		Front camera	✓
Display diagonal *	35.6 cm (14")	Front camera resolution	1920 x 1080 pixels
Display resolution *	1920 x 1200 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	WUXGA	Privacy camera	✓
Panel type	IPS	Privacy type	Privacy shutter
LED backlight	✓	Network	
Native aspect ratio	16:10	Mobile network generation	5G
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	400 cd/m²	Wi-Fi standards	Wi-Fi 6E (802.11ax)
RGB colour space	sRGB	Mobile network connection *	✓
Colour gamut	100%	Antenna type	2x2
Maximum refresh rate	60 Hz	WLAN controller model	Intel Wi-Fi 6E AX211
Processor		WLAN controller manufacturer	Intel
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 5	Bluetooth version	5.3
Processor generation	Intel® Core™ Ultra (Series 1)	Near Field Communication (NFC)	✗
Processor model *	125U	WWAN	Installed
Processor cores	12	WWAN controller	Quectel RM520N-GL, 5G Sub-6 GHz, with Embedded eSIM
Processor threads	14		
Processor boost frequency	4.3 GHz		
Performance cores	2		
Efficient cores	8		

Processor		Ports & interfaces	
Low Power Efficient-cores	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core Max Turbo Frequency	4.3 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	3.6 GHz	HDMI version	2.1
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Thunderbolt 4 ports quantity	2
Performance-core base frequency	1.3 GHz	Intel® Thunderbolt 4	✓
Efficient-core base frequency	0.8 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Base Frequency	700 MHz	USB Sleep-and-Charge	✓
Processor cache	12 MB	Performance	
Processor cache type	Smart Cache	Motherboard chipset	Intel SoC
Processor base power	15 W	Keyboard	
Maximum turbo power	57 W	Pointing device	ThinkPad UltraNav
Neural processor unit (NPU)		Keyboard language	Swiss
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✗
Maximum frequency NPU	1.4 GHz	Keyboard backlit	✓
Sparsity support	✓	Software	
Windows Studio effects support	✓	Operating system architecture	64-bit
AI datatype support on NPU	FP16, FP32, Int8	Operating system installed *	Windows 11 Pro
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Bundled software	Intel Connectivity Performance Suite
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium Polymer (LiPo)
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	57 Wh
Memory clock speed	6400 MHz	Power	
Memory form factor	On-board	AC adapter power	65 W
Maximum internal memory *	16 GB	AC adapter frequency	50/60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Kensington
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	512 GB	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 *	✗	Operational conditions	
Card reader integrated	✗	Operating temperature (T-T)	5 - 35 °C
Graphics		Storage temperature (T-T)	5 - 43 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	8 - 95%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
On-board GPU manufacturer	Intel	Maximum shipping altitude	3048 m
Discrete graphics card *	✗	Certificates	
On-board graphics card model *	Intel Graphics	Compliance certificates	RoHS
Audio		Sustainability	
Audio chip	Realtek ALC3306	Sustainability certificates	ENERGY STAR, TCO, EPEAT Gold
		Weight & dimensions	
		Depth	214.8 mm
		Height	15 mm
		Weight *	1.09 kg



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