



## Lenovo ThinkPad X1 Carbon Intel® Core™ i5 i5-1345U Laptop 35.6 cm (14") Touchscreen WUXGA 16 GB LPDDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

**Brand :** Lenovo

**Product family:** ThinkPad

**Product code:** 21HM0092US

**Product name :** X1 Carbon

- Windows 11 Pro 64-bit
- Intel Core i5-1345U (12MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 IPS Touch
- 16GB LPDDR5-SDRAM & 256GB SSD

Intel Core i5-1345U (12MB Cache), 16GB LPDDR5-SDRAM, 256GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS Touch, Intel Iris Xe Graphics, WLAN, 5G, Webcam, Windows 11 Pro 64-bit

Lenovo ThinkPad X1 Carbon. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1345U. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Mobile network generation: 5G. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Network	
Colour name	Deep Black	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Black	Mobile network connection *	✓
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium, Carbon fibre	WLAN controller model	Intel Wi-Fi 6E AX211
Display		WLAN controller manufacturer	Intel
Display diagonal *	35.6 cm (14")	Ethernet LAN	✗
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✓	Bluetooth version	5.1
HD type	WUXGA	Near Field Communication (NFC)	✗
Panel type	IPS	WWAN	Installed
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	500 cd/m²	HDMI version	2.1
RGB colour space	sRGB	Thunderbolt 4 ports quantity	2
Colour gamut	100%	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	USB Power Delivery	✓
Processor family *	Intel® Core™ i5	USB Sleep-and-Charge	✓
Processor generation	13th gen Intel® Core™ i5	USB Sleep-and-Charge ports	1
Processor model *	i5-1345U	Performance	
Processor cores	10	Motherboard chipset	Intel SoC
Processor boost frequency	4.7 GHz	Keyboard	
Performance cores	2	Pointing device	ThinkPad UltraNav
Efficient cores	8		

Processor		Keyboard	
Performance-core Max Turbo Frequency	4.7 GHz	Keyboard layout	QWERTY
Efficient-core Max Turbo Frequency	3.5 GHz	Keyboard language	US English
Processor cache	12 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Configurable TDP-down	12 W	Spill-resistant keyboard	✓
Processor base power	15 W	Software	
Maximum turbo power	55 W	Operating system architecture	64-bit
Memory		Operating system language	English
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Internal memory type	LPDDR5-SDRAM	Processor special features	
Memory form factor	On-board	CPU configuration (max)	1
Maximum internal memory *	16 GB	Battery	
Memory channels	Octa-channel	Battery technology	Lithium Polymer (LiPo)
Storage		Battery capacity *	57 Wh
Total storage capacity *	256 GB	Fast charging	✓
Storage media *	SSD	Power	
Total SSDs capacity	256 GB	AC adapter power	65 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	256 GB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✗	Smart card reader	✗
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Password protection type	Power on, Supervisor, SSD
Discrete graphics card *	✗	Operational conditions	
On-board graphics card family	Intel Iris Xe Graphics	Operating temperature (T-T)	5 - 35 °C
On-board graphics card model *	Intel Iris Xe Graphics	Storage temperature (T-T)	5 - 43 °C
Audio		Operating relative humidity (H-H)	8 - 95%
Audio chip	Realtek ALC3306	Storage relative humidity (H-H)	5 - 95%
Audio system	Dolby Atmos	Maximum shipping altitude	3048 m
Number of built-in speakers	4	Certificates	
Built-in microphone	✓	Certification	MIL-STD-810H
Number of microphones	4	Sustainability	
Camera		Sustainability certificates	RoHS, TCO, ENERGY STAR, EPEAT Gold, ErP
Front camera	✓	Weight & dimensions	
Front camera resolution	1920 x 1080 pixels	Width	315.6 mm
Front camera HD type	Full HD	Depth	222.5 mm
Infrared (IR) camera	✓	Height	15.4 mm
Privacy camera	✓	Weight *	1.12 kg
Privacy type	Privacy shutter		
Network			
Mobile network generation	5G		



0197528067612



197528067612

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 30-APR-2024. Prints or copies of Information are only valid on the printed Publication date