



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

**Brand :** Lenovo

**Product family:** ThinkPad

**Product code:** 21HM000HUS

**Product name :** X1 Carbon

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

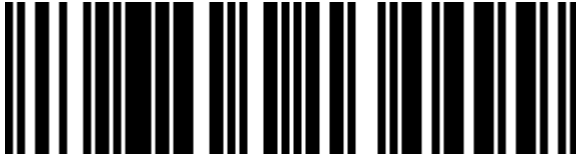
Intel Core i5-1345U (12MB Cache), 16GB LPDDR5-SDRAM, 256GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

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. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.12 kg



Design		Network	
Colour name	Deep Black	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Black	WLAN controller model	Intel Wi-Fi 6E AX211
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Housing material	Aluminium, Carbon fibre	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	35.6 cm (14")	Bluetooth version	5.1
Display resolution *	1920 x 1200 pixels	Near Field Communication (NFC)	✗
Touchscreen *	✗	Ports & interfaces	
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS	HDMI ports quantity *	1
LED backlight	✓	HDMI version	2.1
Native aspect ratio	16:10	Thunderbolt 4 ports quantity	2
Anti-glare screen	✓	Intel® Thunderbolt 4	✓
Display brightness	400 cd/m²	Combo headphone/mic port	✓
RGB colour space	sRGB	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	100%	USB Power Delivery	✓
Contrast ratio (typical)	1000:1	USB Sleep-and-Charge	✓
Processor		USB Sleep-and-Charge ports	1
Processor manufacturer *	Intel	Performance	
Processor family *	Intel® Core™ i5	Motherboard chipset	Intel SoC
Processor generation	13th gen Intel® Core™ i5	Keyboard	
Processor model *	i5-1345U	Pointing device	ThinkPad UltraNav
Processor cores	10	Keyboard layout	QWERTY
Processor boost frequency	4.7 GHz	Keyboard language	English
Performance cores	2	Numeric keypad *	✗
Efficient cores	8		

Processor		Keyboard	
Performance-core Max Turbo Frequency	4.7 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.5 GHz	Spill-resistant keyboard	✓
Processor cache	12 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Configurable TDP-down	12 W	Operating system language	English
Processor base power	15 W	Recovery operating system	Windows 10 Pro
Maximum turbo power	55 W	Operating system installed *	Windows 11 Pro
Memory		Processor special features	
Internal memory *	16 GB	CPU configuration (max)	1
Internal memory type	LPDDR5-SDRAM	Battery	
Memory form factor	On-board	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	16 GB	Battery capacity *	57 Wh
Memory channels	Octa-channel	Fast charging	✓
Storage		Power	
Total storage capacity *	256 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	256 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	Security	
SSD capacity	256 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Smart card reader	✗
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Password protection type	Power on, Supervisor, SSD
On-board graphics card *	✓	Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	5 - 35 °C
On-board graphics card family	Intel Iris Xe Graphics	Storage temperature (T-T)	5 - 43 °C
On-board graphics card model *	Intel Iris Xe Graphics	Operating relative humidity (H-H)	8 - 95%
Audio		Storage relative humidity (H-H)	5 - 95%
Audio chip	Realtek ALC3306	Maximum shipping altitude	3048 m
Audio system	Dolby Atmos	Certificates	
Number of built-in speakers	4	Certification	MIL-STD-810H
Built-in microphone	✓	Sustainability	
Number of microphones	4	Sustainability certificates	RoHS, TCO, ENERGY STAR, EPEAT Gold, ErP
Camera		Weight & dimensions	
Front camera	✓	Width	315.6 mm
Front camera resolution	1920 x 1080 pixels	Depth	222.5 mm
Front camera HD type	Full HD	Height	15.4 mm
Privacy camera	✓	Weight *	1.12 kg
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		



0196804134499



196804134499

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