



Lenovo ThinkPad X1 Carbon Intel® Core™ i7 i7-1355U Laptop 35.6 cm (14") Touchscreen WUXGA 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21HM000JUS

Product name : X1 Carbon



- Windows 11 Pro 64-bit
- Intel Core i7-1355U (12MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 IPS Touch
- 16GB LPDDR5-SDRAM & 512GB SSD

Intel Core i7-1355U (12MB Cache), 16GB LPDDR5-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS Touch, 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™ i7, Processor model: i7-1355U. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Network	
Colour name	Deep Black	Antenna type	2x2
Product type *	Laptop	WLAN controller model	Intel Wi-Fi 6E AX211
Product colour *	Black	WLAN controller manufacturer	Intel
Form factor *	Clamshell	Ethernet LAN	✗
Housing material	Aluminium, Carbon fibre	Bluetooth	✓
Display		Bluetooth version	5.1
Display diagonal *	35.6 cm (14")	Near Field Communication (NFC)	✗
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	WUXGA	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.1
LED backlight	✓	Thunderbolt 4 ports quantity	2
Native aspect ratio	16:10	Intel® Thunderbolt 4	✓
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	400 cd/m ²	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	sRGB	USB Power Delivery	✓
Colour gamut	100%	USB Sleep-and-Charge	✓
Contrast ratio (typical)	1000:1	USB Sleep-and-Charge ports	1
Processor		Performance	
Processor manufacturer *	Intel	Motherboard chipset	Intel SoC
Processor family *	Intel® Core™ i7	Keyboard	
Processor generation	13th gen Intel® Core™ i7	Pointing device	ThinkPad UltraNav
Processor model *	i7-1355U	Keyboard layout	QWERTY
Processor cores	10	Keyboard language	US English
Processor boost frequency	5 GHz	Numeric keypad *	✗
Performance cores	2	Keyboard backlit	✓
Efficient cores	8		

Processor		Keyboard	
Performance-core Max Turbo Frequency	5 GHz	Spill-resistant keyboard	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Software	
Processor cache	12 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system language	English
Configurable TDP-down	12 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 *	512 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	Security	
SSD capacity	512 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	
On-board GPU manufacturer	Intel	Operating temperature (T-T)	5 - 35 °C
Discrete graphics card *	✗	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	Compliance certificates	RoHS
Built-in microphone	✓	Certification	MIL-STD-810H
Number of microphones	4	Sustainability	
Camera		Sustainability certificates	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			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		



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