



Lenovo ThinkPad X13 Gen 6 (Intel) Intel Core Ultra 7 255U Laptop 33.8 cm (13.3") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21RK006AUS

Product name : ThinkPad X13
Gen 6 (Intel)

- Intel Core Ultra 7 255U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 5.2GHz, 12MB
- 13.3" WUXGA (1920x1200) IPS 400nits 100% sRGB
- 16GB LPDDR5x-8400
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Intel Graphics
- Windows 11 Pro

Intel Core Ultra 7 255U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 5.2GHz, 12MB, 16GB
LPDDR5x-8400, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 13.3" WUXGA (1920x1200) IPS 400nits
100% sRGB, Intel Graphics, Intel Wi-Fi 6E AX211 802.11ax 2x2 + BT5.3, 5.0MP + IR Discrete with Privacy
Shutter, Computer Vision on ISP, Windows 11 Pro



Design		Graphics	
Product type *	Laptop	On-board graphics card family	Intel® Graphics
Product colour *	Black	On-board graphics card model *	Intel® Graphics
Form factor *	Clamshell	Audio	
Housing material	Aluminium	Audio chip	Realtek ALC3287
Display		Number of built-in speakers	2
Display diagonal *	33.8 cm (13.3")	Speaker power	2 W
Display resolution *	1920 x 1200 pixels	Built-in microphone	✓
Touchscreen *	✗	Number of microphones	2
HD type	WUXGA	Camera	
Panel type	IPS	Front camera resolution (numeric)	5 MP
LED backlight	✓	Infrared (IR) camera	✓
Native aspect ratio	16:10	Privacy camera	✓
Anti-glare screen	✓	Privacy type	Privacy shutter
Display brightness	400 cd/m²	Network	
RGB colour space	sRGB	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	Antenna type	2x2
Processor family *	Intel Core Ultra 7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	Intel Core Ultra (Series 2)	WLAN controller manufacturer	Intel
Processor model *	255U	Ethernet LAN	✗
Processor cores	12	Bluetooth	✓
Processor threads	14	Bluetooth version	5.3
Processor boost frequency	5.2 GHz	Near Field Communication (NFC)	✗
Performance cores	2	WWAN	Not installed
Efficient cores	8		
Low Power Efficient-cores	2		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Efficient-core Max Turbo Frequency	4.2 GHz	HDMI ports quantity *	1
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	HDMI version	2.1
Performance-core base frequency	2 GHz	Thunderbolt 4 ports quantity	2
Efficient-core base frequency	1.7 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Base Frequency	700 MHz	Combo headphone/mic port	✓
Processor cache	12 MB	USB Sleep-and-Charge	✓
Processor base power	15 W	Performance	
Maximum turbo power	57 W	Motherboard chipset	Intel SoC
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	ThinkPad UltraNav
Sparsity support	✓	Numeric keypad *	✗
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory clock speed	8400 MHz	Battery capacity *	54.7 Wh
Memory form factor	On-board	Power	
Maximum internal memory *	16 GB	AC adapter power	65 W
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Smart card reader	✗
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✗	Certificates	
Graphics		Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Discrete graphics card model *	Not available	Weight & dimensions	
On-board graphics card *	✓	Width	299.3 mm
On-board GPU manufacturer	Intel	Depth	207 mm
Discrete graphics card *	✗	Height (front)	1.02 cm
		Height (rear)	1.33 cm
		Weight *	962 g
		Packaging content	
		AC adapter included *	✓



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