



**Lenovo ThinkPad X12 Detachable Gen 2 Intel Core Ultra 7 164U Ibrido (2 in 1) 31,2 cm (12.3") Touch screen Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Italiano Nero**

**Marchio :** Lenovo

**Famiglia del prodotto:** ThinkPad

**Codice prodotto:** 21LK0026IX

**Nome del prodotto :** ThinkPad X12 Detachable Gen 2

- Intel Core Ultra 7 164U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12MB
- 12.3" FHD+ (1920x1280) IPS 400nits Anti-reflection / Anti-smudge 100% sRGB Lower Power Touch
- 16GB LPDDR5x-6400
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
- Intel Graphics
- Windows 11 Pro

Intel Core Ultra 7 164U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12MB, 16GB LPDDR5x-6400, 512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0, 12.3" FHD+ (1920x1280) IPS 400nits Anti-reflection / Anti-smudge 100% sRGB Lower Power Touch, Intel Graphics, Intel Wi-Fi 6E AX211 11ax 2x2 + BT5.3, Front 5.0MP + IR Discrete with Privacy Shutter / Rear 8.0MP, Windows 11 Pro

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**Sblocca il potere della versatilità**

- Passaggio fluido tra le modalità laptop e tablet
- Tastiera folio rimovibile con TrackPoint
- Produttività senza interruzioni con una batteria che dura a lungo
- Prestazioni ottimali con il motore AI integrato

Design		Camera	
Colour name	Black	Rear camera resolution (numeric)	8 MP
Product type *	Hybrid (2-in-1)	Network	
Product colour *	Black	Mobile network generation	4G
Form factor *	Convertible (Detachable)	4G standard	LTE
Housing material	Aluminium, Magnesium	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	31.2 cm (12.3")	Mobile network connection *	✓
Display resolution *	1920 x 1280 pixels	Antenna type	2x2
Touchscreen *	✓	WLAN controller model	Intel Wi-Fi 6E AX211
HD type	Full HD+	WLAN controller manufacturer	Intel
Panel type	IPS	Ethernet LAN	✗
LED backlight	✓	Bluetooth	✓
Native aspect ratio	3:2	Bluetooth version	5.3
Display glass type	Gorilla Glass	Near Field Communication (NFC)	✗
Display brightness	400 cd/m²	WWAN	Installed
RGB colour space	sRGB	WWAN controller	Quectel EM160R-GL
Colour gamut	100%	Ports & interfaces	
Contrast ratio (typical)	1500:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor		Thunderbolt 4 ports quantity	1
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core Ultra 7	Combo headphone/mic port	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Docking connector	✓
Processor model *	164U	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	12	Performance	
Processor threads	14	Motherboard chipset	Intel SoC
Processor boost frequency	4.8 GHz		
Performance cores	2		
Efficient cores	8		



Processor		Performance	
Low Power Efficient-cores	2	Accelerometer	✓
Performance-core Max Turbo Frequency	4.8 GHz	Proximity sensor	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Gyroscope	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Hall sensor	✓
Performance-core base frequency	1.1 GHz	Keyboard	
Efficient-core base frequency	0.7 GHz	Numeric keypad *	✗
Low Power Efficient-core Base Frequency	400 MHz	Keyboard backlit	✓
Processor cache	12 MB	Keyboard language	Italian
Processor cache type	Smart Cache	Software	
Processor base power	9 W	Operating system architecture	64-bit
Maximum turbo power	30 W	Operating system language	German, Dutch, English, French, Italian
Neural processor unit (NPU)		Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI Boost	Battery	
Maximum frequency NPU	1.4 GHz	Battery technology	Lithium Polymer (LiPo)
Sparsity support	✓	Battery capacity *	42 Wh
Windows Studio effects support	✓	Battery life (max)	12.47 h
AI datatype support on NPU	FP16, FP32, Int8	Continuous video playback time	17.52 h
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Fast charging	✓
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	LPDDR5x-SDRAM	AC adapter frequency	50/60 Hz
Memory clock speed	6400 MHz	AC adapter input voltage	100 - 240 V
Memory form factor	On-board	USB Power Delivery (USB PD)	✓
Maximum internal memory *	16 GB	Security	
Memory channels	Dual-channel	Cable lock slot	✓
Storage		Cable lock slot type	Kensington
Total storage capacity *	512 GB	Fingerprint reader	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Password protection	✓
SSD capacity	512 GB	Password protection type	BIOS, HDD, Power on, Supervisor
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	5 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	5 - 43 °C
Optical drive type *	✗	Operating relative humidity (H-H)	8 - 95%
Card reader integrated	✗	Storage relative humidity (H-H)	5 - 95%
		Maximum shipping altitude	3048 m
Graphics		Certificates	
Discrete graphics card model *	Not available	Compliance certificates	RoHS
On-board graphics card *	✓	Certification	ErP Lot 6 ErP Lot 26 TCO Certified 9.0 MIL-STD-810H
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card family	Intel Graphics	Sustainability certificates	TCO, ENERGY STAR, EPEAT Gold
On-board graphics card model *	Intel Graphics	Weight & dimensions	
Audio		Width	283.3 mm
Audio system	Dolby Audio	Depth	208.1 mm
Number of built-in speakers	2	Height	14.5 mm
Speaker power	1 W	Weight (tablet mode)	760 g
Built-in microphone	✓	Width (tablet mode)	28.3 cm
Number of microphones	2	Depth (tablet mode)	20.4 cm
Camera		Height (tablet mode)	8.8 mm
Front camera	✓	Weight *	1.1 kg
Front camera resolution (numeric)	5 MP		
Infrared (IR) camera	✓		

Camera		Packaging content	
Privacy camera	✓	Stylus pen	✓
Privacy type	Privacy shutter	Other features	
Rear camera	✓	SIM card type	eSIM
		Assisted GPS (A-GPS)	✓
Technical details			
Box contents		ThinkPad X12 Detachable Gen 2 Folio Keyboard	



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