Lenovo ThinkPad X13 2-in-1 Intel Core Ultra 5 125U Hybride (2en-1) 33,8 cm (13.3") Écran tactile WUXGA 16 Go LPDDR5x-SDRAM 512 Go SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Anglais Noir

Marque : Lenovo

Famille de produit: ThinkPad Code produit: 21LW000HMH

Nom du produit : X13 2-in-1

Lenovo ThinkPad X13 2-in-1. Type de produit: Hybride (2-en-1), Elément de format: Convertible (pliable). Famille de processeur: Intel Core Ultra 5, Modèle de processeur: 125U. Taille de l'écran: 33,8 cm (13.3"), Type HD: WUXGA, Résolution de l'écran: 1920 x 1200 pixels, Écran tactile. Mémoire interne: 16 Go, Type de mémoire interne: LPDDR5x-SDRAM. Capacité totale de stockage: 512 Go, Supports de stockage: SSD. Modèle d'adaptateur graphique à bord: Intel Graphics. Système d'exploitation installé: Windows 11 Pro. Couleur du produit: Noir





Design		Camera	
Colour name Product type * Product colour * Form factor * Housing material	Black Hybrid (2-in-1) Black Convertible (Folder) Magnesium	Front camera Front camera resolution (numeric) Infrared (IR) camera Privacy camera Privacy type	✓ 5 MP ✓ Privacy shutter
Display Display diagonal *	33.8 cm (13.3")	Network	
Display resolution * Touchscreen * HD type Panel type LED backlight Native aspect ratio Anti-glare screen Display brightness RGB colour space Colour gamut Maximum refresh rate	1920 x 1200 pixels ✓ WUXGA IPS ✓ 16:10 ✓ 400 cd/m ² sRGB 100% 60 Hz	Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type WLAN controller model WLAN controller manufacturer Ethernet LAN Bluetooth Bluetooth Bluetooth version Near Field Communication (NFC) WWAN Ports & interfaces	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax) X 2x2 Intel Wi-Fi 6E AX211 Intel X ✓ 5.3 X Upgradable
Contrast ratio (typical)	1200:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	
Processor Processor manufacturer * Processor family * Processor generation Processor model * Processor cores Processor threads Processor boost frequency Performance cores	Intel Intel Core Ultra 5 Intel® Core™ Ultra (Series 1) 125U 12 14 4.3 GHz 2	ports quantity * HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port USB Type-C DisplayPort Alternate Mode	2 1 2.1 2 *

Processor		Ports & interfaces	
Efficient cores	8	USB Sleep-and-Charge	✓
Low Power Efficient-cores	2	USB Sleep-and-Charge ports	1
Performance-core Max Turbo Frequency	4.3 GHz	Performance	
Efficient-core Max Turbo Frequency	3.6 GHz	Motherboard chipset	Intel SoC
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Keyboard	
Performance-core base frequency	1.3 GHz	Pointing device	ThinkPad UltraNav
Efficient-core base frequency	0.8 GHz	Numeric keypad *	×
Low Power Efficient-core Base	700 MHz	Keyboard backlit	✓
Frequency Processor cacho	12 MB	Spill-resistant keyboard	1
Processor cache Processor cache type	Smart Cache	Keyboard language	English
Processor base power	15 W	Software	
Maximum turbo power	57 W	Operating system architecture	64-bit
Neural processor unit (NPU)		Operating system language	German, Dutch, English, French, Italian
Neural processor unit (NPU)	Intel Al Boost	Trial software	Intel Connectivity Performance
Maximum frequency NPU	1.4 GHz	Operating system installed *	Suite Windows 11 Pro
Sparsity support			Intel Connectivity Performance
Windows Studio effects support		Bundled software	Suite
AI datatype support on NPU AI software frameworks supported	FP16, FP32, Int8 DirectML, ONNX RT, OpenVINO,	Battery	
by NPU	Windows ML	Battery technology	Lithium Polymer (LiPo)
Memory		Battery capacity *	54.7 Wh
Internal memory *	16 GB	Fast charging	1
Internal memory type	LPDDR5x-SDRAM	Power	
Memory clock speed	6400 MHz	AC adapter power	65 W
Memory form factor	On-board	AC adapter frequency	50/60 Hz
Maximum internal memory *	16 GB Dual-channel	AC adapter input voltage	100 - 240 V
Memory channels	Dual-channel	USB Power Delivery (USB PD)	J
Storage	512.02	Security	
Total storage capacity * Storage media *	512 GB SSD	Cable lock slot	1
Total SSDs capacity	512 GB	Cable lock slot type	Kensington
Number of SSDs installed	1	Fingerprint reader	1
SSD capacity	512 GB	Smart card reader	1
SSD interface	PCI Express 4.0	Windows Hello	1
NVMe	1	Trusted Platform Module (TPM)	1
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Optical drive type *	X		
Card reader integrated	×	Password protection Password protection type	
Card reader integrated Graphics		Password protection Password protection type	1
Graphics Discrete graphics card model *	× Not available	Password protection Password protection type Operational conditions	✓ BIOS, Power on, SSD, Supervisor
Graphics Discrete graphics card model * On-board graphics card *	× Not available ✓	Password protection Password protection type	1
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer	× Not available ✓ Intel	Password protection Password protection type Operational conditions Operating temperature (T-T)	✓ BIOS, Power on, SSD, Supervisor 5 - 35 °C
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card *	× Not available ✓ Intel ×	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T)	BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family	× Not available ✓ Intel × Intel Graphics	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H)	 BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C 8 - 95%
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model *	× Not available ✓ Intel ×	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	✓ BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C 8 - 95% 5 - 95%
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio	 × Not available ✓ Intel × Intel Graphics Intel Graphics 	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Maximum shipping altitude Certificates Compliance certificates	 BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C 8 - 95% 5 - 95% 3048 m RoHS
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio Audio chip	 × Not available ✓ Intel × Intel Graphics Intel Graphics Realtek ALC3287 	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Maximum shipping altitude Certificates	 BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C 8 - 95% 5 - 95% 3048 m
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio	 × Not available ✓ Intel × Intel Graphics Intel Graphics 	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Maximum shipping altitude Certificates Compliance certificates	 BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C 8 - 95% 5 - 95% 3048 m RoHS
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio Audio chip Audio system	 × Not available ✓ Intel × Intel Graphics Intel Graphics Realtek ALC3287 Dolby Audio Premium 	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Maximum shipping altitude Certificates Compliance certificates Certification	 BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C 8 - 95% 5 - 95% 3048 m RoHS
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio Audio chip Audio chip Audio system Number of built-in speakers Speaker power Built-in microphone	 × Not available ✓ Intel × Intel Graphics Intel Graphics Delby Audio Premium 2 2 W ✓ 	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Maximum shipping altitude Certificates Compliance certificates Certification Sustainability	✓ BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C 8 - 95% 5 - 95% 3048 m KOHS MIL-STD-810H ✓ ENERGY STAR, EPEAT Gold, ErP,
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio Audio chip Audio system Number of built-in speakers Speaker power	× Not available ✓ Intel × Intel Graphics Intel Graphics Dolby Audio Premium 2 2 W	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Maximum shipping altitude Certificates Compliance certificates Certification Sustainability Sustainability compliance Sustainability certificates	 ✓ BIOS, Power on, SSD, Supervisor S - 35 °C S - 43 °C S - 95% S - 95% 3048 m ✓
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio Audio chip Audio chip Audio system Number of built-in speakers Speaker power Built-in microphone	 × Not available ✓ Intel × Intel Graphics Intel Graphics Delby Audio Premium 2 2 W ✓ 	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Maximum shipping altitude Certificates Compliance certificates Certification Sustainability Sustainability compliance	✓ BIOS, Power on, SSD, Supervisor 5 - 35 °C 5 - 43 °C 8 - 95% 5 - 95% 3048 m KOHS MIL-STD-810H ✓ ENERGY STAR, EPEAT Gold, ErP,
Graphics Discrete graphics card model * On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio Audio chip Audio chip Audio system Number of built-in speakers Speaker power Built-in microphone	 × Not available ✓ Intel × Intel Graphics Intel Graphics Delby Audio Premium 2 2 W ✓ 	Password protection Password protection type Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Maximum shipping altitude Certificates Compliance certificates Certification Sustainability Sustainability compliance Sustainability certificates Sustainability certificates	 BIOS, Power on, SSD, Supervisor S - 35 °C S - 43 °C S - 95% S - 95% 3048 m MIL-STD-810H ENERGY STAR, EPEAT Gold, ErP, CO STAR STAR STAR STAR STAR STAR STAR STAR

Weight & dimensions	
Height	16.4 mm
Weight *	1.25 kg
Packaging content	
Stylus pen	✓





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