

Lenovo

Lenovo ThinkPad X13 4650U Notebook 33.8 cm (13.3") HD AMD Ryzen™ 5 PRO 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black

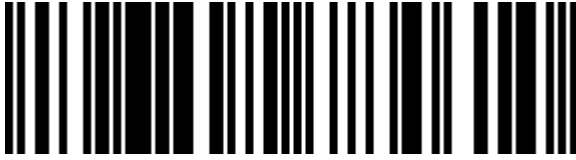
Brand : Lenovo**Product family:** ThinkPad**Product code:** 20UGS47X05**Product name :** X13

- Windows 11 Pro
 - AMD Ryzen 5 PRO 4650U (8MB Cache, 2.1GHz)
 - 33.8 cm (13.3") HD 1366 x 768 TN
 - 8GB (3200MHz) DDR4-SDRAM & 256GB SSD
 AMD Ryzen 5 PRO 4650U (8MB Cache, 2.1GHz), 8GB DDR4-SDRAM, 256GB SSD, 33.8 cm (13.3") HD 1366 x 768 TN, AMD Radeon Graphics, LAN, WLAN, Webcam, Windows 11 Pro
 Lenovo ThinkPad X13. Product type: Notebook, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: 4650U, Processor frequency: 2.1 GHz. Display diagonal: 33.8 cm (13.3"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Camera	
Product type *	Notebook	Front camera resolution	1280 x 720 pixels
Product colour *	Black	Front camera HD type	HD
Form factor *	Clamshell	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	33.8 cm (13.3")	Network	
Display resolution *	1366 x 768 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	HD	Antenna type	2x2
Panel type	TN	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	100,1000 Mbit/s
Native aspect ratio	16:9	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.1
Display brightness	250 cd/m ²	Ports & interfaces	
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	45%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Contrast ratio (typical)	300:1	HDMI ports quantity *	1
Processor		HDMI version	2.0
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor model *	4650U	Docking connector	✓
Processor family *	AMD Ryzen™ 5 PRO	USB Type-C DisplayPort Alternate Mode	✓
Processor frequency *	2.1 GHz	USB Power Delivery	✓
Processor boost frequency	4 GHz	USB Sleep-and-Charge	✓
Processor cores	6	USB Sleep-and-Charge ports	1
Processor cache	8 MB	Keyboard	
Processor cache type	L3	Pointing device	ThinkPad UltraNav
Motherboard chipset	AMD SoC	Numeric keypad *	✗
Memory		Keyboard backlight	✓
Internal memory *	8 GB	Spill-resistant keyboard	✓
Internal memory type	DDR4-SDRAM	Software	
Memory clock speed	3200 MHz	Operating system installed *	Windows 11 Pro
Memory form factor	On-board	Battery	
Maximum internal memory *	8 GB	Battery technology	Lithium Polymer (LiPo)
Memory channels	Dual-channel	Battery capacity *	48 Wh
Storage			
Total storage capacity *	256 GB		
Storage media *	SSD		

Storage		Security	
Total SSDs capacity	256 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	256 GB	Smart card reader	✓
SSD interface	PCI Express	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Password protection type	HDD, Power on, Supervisor
Card reader integrated	✓	Operational conditions	
Compatible memory cards	MicroSD (TransFlash)	Operating temperature (T-T)	5 - 35 °C
Graphics		Storage temperature (T-T)	5 - 43 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	8 - 95%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
Discrete graphics card *	✗	Maximum shipping altitude	3048 m
On-board graphics card model *	AMD Radeon Graphics	Certificates	
AMD FreeSync	✓	Certification	MIL-STD-810G
Audio		Weight & dimensions	
Audio chip	Realtek ALC3287	Width	311.9 mm
Audio system	Dolby Audio	Depth	217.2 mm
Number of built-in speakers	2	Height	16.9 mm
Speaker power	1 W	Weight *	1.29 kg
Built-in subwoofer	✗		
Built-in microphone	✓		
Camera			
Front camera	✓		



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Publication date: 11-AUG-2023. Prints or copies of Information are only valid on the printed Publication date