



# Lenovo ThinkPad X12-in-1 Gen 9

Hersteller **Lenovo** Hersteller-Art.-Nr. 21KE0080GE Art.-Nr. 14616638660



## KURZBESCHREIBUNG

Lenovo ThinkPad X12-in-1 Gen 9 - AI PC - 14" - Intel Core Ultra 5 - 135U - Intel Evo vPro Enterprise Platform - 32 GB RAM - 512 GB SSD - German

## LANGBESCHREIBUNG

Processor: Intel Core Ultra 5 135U, RAM: 32GB, Hard Drive: 512GB SSD M.2, Screen size: 14", Resolution: 1920 x 1200, Graphics: Intel Graphics, Wireless: WiFi, OS: Windows 11 Pro, OS language: DE, Keyboard: DE, Warranty: 1 Year Carry-in Warranty

## PRODUKTDDETAILS

### GENERAL FEATURES

Product Type	Notebook - Yes - flip design
AI Level	AI PC
Operating System	Windows 11 Pro - German

### PROCESSOR

CPU	Intel Core Ultra 5 (Series 1) 135U
Max Turbo Speed	4.4 GHz
Number of Cores	12-core
Performance Cores	2
Efficient Cores	10
Cache	12 MB
Features	Integrated memory controller
Platform Technology	Intel Evo vPro Enterprise Platform

### NPU

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	11 TOPS
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

### RAM

RAM	32 GB (provided memory is soldered)
Technology	LPDDR5X SDRAM
Speed	6400 MT/s

### STORAGE CAPACITY

Main Storage	512 GB SSD M.2 2280 PCIe 4.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe), Performance
--------------	---

### DISPLAY

Type	14" - IPS
Touchscreen	Yes (10-point multi-touch)
Resolution	1920 x 1200 (WUXGA)

Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	400 cd/m²
Colour Gamut	100% sRGB
Features	Anti-glare, anti-smudge, Low Power, OGS Technology, 87.8% screen-to-body ratio
V-Sync Rate at Max Res.	60 Hz

## KEYBOARD

Type	Keyboard, trackpad
Keyboard Backlight	Yes
Keyboard Layout	German

## CONNECTIONS & INTERFACE

Interfaces Details	USB 3.2 Gen 1   USB 3.2 Gen 1 (Always On)   2 x USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery 3.0)   HDMI (4K support)   Headphone / microphone combo jack (mini-phone 3.5 mm)
--------------------	--

## AUDIO & GRAPHICS

Graphics Processor	Intel Graphics
Camera	Yes - 1080p
Camera Features	Privacy shutter, Windows Hello, fixed focus, Discrete IR, Ultrasonic Human Presence Detection
Sound	Stereo speakers, dual array microphone
Codec	Realtek ALC3306
Compliant Standards	High Definition Audio, Dolby Atmos

## BATTERY

Technology	Lithium polymer
Capacity	57 Wh

## POWER

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt

## NETWORK

Wireless	NFC, 802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	Intel Wi-Fi 6E AX 211
Features	Dual stream (2x2)

## PHYSICAL DIMENSIONS

Dimensions (WxDxH)	31.28 cm x 21.765 cm x 1.549 cm
Weight	1.35 kg

## WARRANTY

Service & Support	Base warranty - 3 years - pick-up and return   Base warranty - battery - 1 year   Extended warranty - 3 years - on-site - response time: next business day
Bundled Services	3 Years Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)

## SOFTWARE

Software Included	Intel Connectivity Performance Suite
-------------------	--------------------------------------

