Lenovo.

Lenovo ThinkPad P1 Intel® Core™ i7 i7-12800H Mobile workstation 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : Lenovo Product family: ThinkPad Product code: 21DC004KUS

Product name: P1

- Windows 11 Pro 64-bit
- Intel Core i7-12800H (24MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS
- 16GB (4800MHz) DDR5-SDRAM & 512GB SSD

Intel Core i7-12800H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

Lenovo ThinkPad P1. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12800H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics.

Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.81 kg

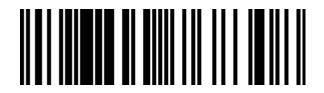






Design		Ports & interfaces	
Product type * Product colour * Form factor *	Mobile workstation Black Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * HDMI ports quantity *	2
Display Display diagonal * 40.6 cm (16") Display resolution * 1920 x 1200 pixels Touchscreen * ★ HD type WUXGA Panel type IPS LED backlight	Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port USB Type-C DisplayPort Alternate Mode USB Power Delivery USB Sleep-and-Charge USB Sleep-and-Charge ports Performance Motherboard chipset Keyboard		
	Pointing device Keyboard layout Keyboard language Numeric keypad * Keyboard backlit Spill-resistant keyboard	ThinkPad UltraNav QWERTY English	
Processor model * Processor cores Processor boost frequency Processor cache Configurable TDP-down	rocessor cores 14 rocessor boost frequency 4.8 GHz rocessor cache 24 MB	Software Operating system architecture Operating system language Recovery operating system Operating system installed *	64-bit English Windows 10 Pro Windows 11 Pro
Memory Internal memory * Internal memory type Memory clock speed Memory form factor Memory slots Maximum internal memory * Memory channels ECC	16 GB DDR5-SDRAM 4800 MHz SO-DIMM 2x SO-DIMM 64 GB Dual-channel	Intel Flex Memory Access Intel Flex Memory Access Intel Trusted Execution Technology Intel VT-x with Extended Page Tables (EPT) Intel Stable Image Platform Program (SIPP) Execute Disable Bit CPU configuration (max) Embedded options available	√ √ √ 1
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	'

Storage		Processor special features	
Total storage capacity * Storage media * Total SSDs capacity Number of SSDs installed SSD capacity SSD interface NVMe SSD form factor Optical drive type * Card reader integrated Compatible memory cards	512 GB SSD 512 GB 1 512 GB PCI Express 4.0 M.2 X SD	Intel Virtualization Technology (VT-x)	✓
		Battery	
		Battery technology Battery capacity * Fast charging	Lithium Polymer (LiPo) 90 Wh ✓
		Power	
		AC adapter power AC adapter frequency AC adapter input voltage	135 W 50 - 60 Hz 100 - 240 V
Graphics		Security	
On-board graphics card model * On-board GPU manufacturer Discrete graphics card * On-board graphics card model *	Not available Intel Intel Iris Xe Graphics	Cable lock slot Cable lock slot type Fingerprint reader Smart card reader Trusted Platform Module (TPM)	✓ Kensington ✓ ×
Audio		Trusted Platform Module (TPM) version	2.0
Audio chip Audio system	Realtek ALC3306 Dolby Atmos	Password protection Password protection type	✓ BIOS, Power on, Supervisor, SSD
Number of built-in speakers	2	Operational conditions	
Speaker power 2 W Built-in microphone ✓ Number of microphones 2	✓	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H)	5 - 35 °C 5 - 43 °C 8 - 95%
Camera Front camera	1	Storage relative humidity (H-H) Maximum shipping altitude	5 - 95% 3048 m
Front camera resolution	1920 x 1080 pixels	Certificates	
Front camera HD type Network	Full HD	Certification	EPEAT Gold ENERGY STAR 8.0 ROHS compliant MIL-STD-810H TÜV
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Weight & dimensions	
Mobile network connection * Antenna type WLAN controller model WLAN controller manufacturer Ethernet LAN Bluetooth	Wi-Fi 6E (802.11ax) 2x2 Intel Wi-Fi 6E AX211 Intel X	Width Depth Height Weight *	359.5 mm 253.8 mm 17.7 mm 1.81 kg
Bluetooth version	5.1		





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