

Lenovo

Lenovo ThinkPad P1 Intel® Core™ i7 i7-12700H Workstation mobile 40,6 cm (16") WQXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro Nero

**Marchio** : Lenovo**Famiglia del prodotto**: ThinkPad**Codice prodotto**: 21DC000CIX**Nome del prodotto** : P1

Intel Core i7-12700H, 14C (6P + 8E)/20T, P-core 2.3/4.7GHz, E-core 1.7/3.5GHz, 24MB, 1x 16GB SO-DIMM DDR5-4800 non-ECC, 512GB SSD M.2 2280 PCIe Gen 4x4 Performance NVMe Opal2, 16.0" WQXGA (2560x1600) IPS 500nits Anti-glare 100% sRGB 165Hz Low Blue Light DC Dimming, NVIDIA RTX A1000 4GB, Intel AX211 Wi-Fi 6E 2x2 + BT5.1, IR & FHD 1080p with Privacy Shutter, Windows 11 DG Windows 10 Pro 64

[Lenovo ThinkPad P1 Intel® Core™ i7 i7-12700H Workstation mobile 40,6 cm \(16"\) WQXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A1000 Wi-Fi 6E \(802.11ax\) Windows 11 Pro Nero:](#)

Tutta la potenza che cerchi in un solo dispositivo

- Potente workstation da 40,64 cm (16") con bassa emissione di luce blu e precalibrazione del colore X-Rite per la massima precisione cromatica
- Basata su Intel vPro® con processori Intel® Core™ serie H di dodicesima generazione
- Scelta tra scheda grafica NVIDIA® RTX™ e NVIDIA® GeForce RTX™
- Opzioni per lo chassis in trama in fibra di carbonio o in Black
- Memoria DDR5 e altissima capacità di storage su unità SSD per prestazioni veloci del sistema

Design		Network	
Colour name	Black	Ethernet LAN	✗
Product type *	Mobile workstation	Bluetooth	✓
Product colour *	Black	Bluetooth version	5.1
Form factor *	Clamshell	Near Field Communication (NFC)	✗
Display		WWAN	Not installed
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	2560 x 1600 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	HDMI ports quantity *	1
HD type	WQXGA	Thunderbolt 4 ports quantity	2
Panel type	IPS	Intel® Thunderbolt 4	✓
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	USB Sleep-and-Charge	✓
Display brightness	500 cd/m ²	USB Sleep-and-Charge ports	1
RGB colour space	sRGB	Performance	
Colour gamut	100%	Motherboard chipset	Intel SoC
Maximum refresh rate	165 Hz	Keyboard	
Contrast ratio (typical)	1200:1	Pointing device	ThinkPad UltraNav
Processor		Keyboard language	Italian
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel® Core™ i7	Keyboard backlight	✓
Processor generation	12th gen Intel® Core™ i7	Spill-resistant keyboard	✓
Processor model *	i7-12700H	Software	
Processor cores	14	Operating system architecture	64-bit
Processor boost frequency	4.7 GHz	Operating system language	German, Dutch, English, French, Italian
Processor cache	24 MB	Recovery operating system	Windows 10 Pro
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Configurable TDP-down	35 W		
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

Memory		Processor special features	
Memory form factor	SO-DIMM	Intel Flex Memory Access	✓
Memory layout (slots x size)	1 x 16 GB	Intel Trusted Execution Technology	✓
Memory slots	2x SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	64 GB	Execute Disable Bit	✓
Memory channels	Dual-channel	CPU configuration (max)	1
ECC	✗	Embedded options available	✗
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	512 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	SSD	Battery	
Total SSDs capacity	512 GB	Battery technology	Lithium Polymer (LiPo)
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	512 GB	Fast charging	✓
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	170 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✓	USB Power Delivery (USB PD) *	✓
Compatible memory cards	SD	Security	
Graphics		Cable lock slot	✓
Discrete GPU manufacturer	NVIDIA	Cable lock slot type	Kensington
Discrete graphics card model *	NVIDIA RTX A1000	Fingerprint reader	✓
Discrete graphics card memory	4 GB	Smart card reader	✗
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board GPU manufacturer	Intel	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, Power on, Supervisor, SSD
On-board graphics card model *	Intel Iris Xe Graphics	Operational conditions	
Audio		Operating temperature (T-T)	5 - 35 °C
Audio chip	Realtek ALC3306	Storage temperature (T-T)	5 - 43 °C
Audio system	Dolby Atmos	Operating relative humidity (H-H)	8 - 95%
Number of built-in speakers	2	Storage relative humidity (H-H)	5 - 95%
Speaker power	2 W	Maximum shipping altitude	3048 m
Built-in microphone	✓	Certificates	
Number of microphones	2	Compliance certificates	RoHS
Camera		Certification	EPEAT Gold ENERGY STAR 8.0 RoHS compliant MIL-STD-810H TÜV
Front camera	✓	Sustainability	
Front camera resolution	1920 x 1080 pixels	Sustainability certificates	ENERGY STAR, EPEAT Gold
Front camera HD type	Full HD	Weight & dimensions	
Infrared (IR) camera	✓	Width	359.5 mm
Privacy camera	✓	Depth	253.8 mm
Privacy type	Privacy shutter	Height	17.7 mm
Network		Weight *	1.81 kg
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		



0196380261800



196380261800

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.