## Lenovo ThinkStation P2 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T400 Windows 11 Pro Tower Estación de trabajo Negro

Marca : Lenovo Familia de productos: Código del producto: ThinkStation THINKP2I7

## Nombre del producto: P2

- Windows 11 Pro 64-bit
- Intel Core i7-14700 (33MB Cache)
- NVIDIA T400 (4GB GDDR6)
- 16GB (4400MHz) DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core i7-14700 (33MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, NVIDIA T400 (4GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

Lenovo ThinkStation P2. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-14700. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-SDRAM, Velocidad de memoria del reloj: 4400 MHz. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel UHD Graphics 770, Modelo de adaptador de gráficos discretos: NVIDIA T400. Sistema operativo instalado: Windows 11 Pro, Arquitectura del sistema operativo: 64-bit. Fuente de alimentación: 500 W. Tipo de chasis: Tower. Tipo de producto: Estación de trabajo. Color del producto: Negro





Processor		Network	
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel® Core™ i7	Bluetooth version	5.0
Processor generation	Intel® Core™ i7 (14th gen)	Ports & interfaces	
Processor model *	i7-14700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	
Processor cores	20	ports quantity *	6
Processor threads Processor boost frequency	28 5.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Performance cores Efficient cores	8 12	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Performance-core Max Turbo Frequency	5.3 GHz	HDMI ports quantity * HDMI version	1 2.1
Efficient-core Max Turbo Frequency	4.2 GHz	DisplayPorts quantity	2
Performance-core base frequency	2.1 GHz	DisplayPort version	1.4
Efficient-core base frequency	1.5 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	33 MB	Microphone in	✓
Processor cache type	Smart Cache	Headphone outputs	1
Number of processors installed	1	Line-out	✓
Processor base power	65 W	Line-in	<b>✓</b>
Maximum turbo power	219 W	Combo headphone/mic port	<b>✓</b>
Memory			-
Internal memory *	16 GB	Design	
Maximum internal memory *	128 GB	Chassis type *	Tower
Internal memory type	DDR5-SDRAM	Volume	17 L
Memory layout (slots x size)	1 x 16 GB	Placement supported	Vertical

Memory		Design	
Memory slots	4x DIMM	Cable lock slot	/
Memory clock speed	4400 MHz	Cable lock slot type	Kensington
Non-ECC	1	Product colour *	Black
Memory channels	Dual-channel	Performance	
Storage		Motherboard chipset	Intel W680
Total storage capacity *	512 GB	Audio chip	Realtek ALC897Q-CG
Storage media *	SSD	Audio system	High Definition Audio
Optical drive type *	×	Built-in speaker(s)	<b>/</b>
Number of storage drives installed	1	Number of speakers	1
Total SSDs capacity	512 GB	Password protection	✓
Number of SSDs installed	1	Password protection type	BIOS, Power on, Supervisor
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface NVMe	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Product type *	Workstation
Card reader integrated	✓	Software	
Compatible memory cards	SD	Operating system installed *	Windows 11 Pro
Graphics		Operating system architecture	64-bit
Discrete graphics card *	<b>✓</b>	Power	
Discrete GPU manufacturer	NVIDIA	Power supply *	500 W
On-board graphics card *	✓	Power supply input voltage	100 - 240 V
Discrete graphics card model *	NVIDIA T400	Power supply input frequency	50 - 60 Hz
Discrete graphics card memory	4 GB	Operational conditions	
Discrete graphics memory type	GDDR6	Operating temperature (T-T)	10 - 35 °C
Number of discrete graphics cards	1	Storage temperature (T-T)	-40 - 60 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	20 - 80%
On-board graphics card family On-board graphics card model *	Intel® UHD Graphics Intel UHD Graphics 770	Storage relative humidity (H-H)	10 - 90%
Graphics card Mini DisplayPort ports		Operating altitude	0 - 3048 m
quantity	3	Non-operating altitude	0 - 12192 m
Network		Certificates	
Ethernet LAN * Ethernet LAN data rates	✓ 100,1000 Mbit/s	Certification	ENERGY STAR 8.0 EPEAT Gold Registered ErP Lot 3 RoHS compliant TCO Certified 9.0
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Wi-Fi *	✓	Weight & dimensions Width *	170 mm
Wi-Fi * Top Wi-Fi standard	✓ Wi-Fi 6E (802.11ax)	J.	170 mm 315.4 mm
Wi-Fi * Top Wi-Fi standard Wi-Fi standards	<ul><li>✓</li><li>Wi-Fi 6E (802.11ax)</li><li>Wi-Fi 6E (802.11ax)</li></ul>	Width *	
Wi-Fi * Top Wi-Fi standard Wi-Fi standards WLAN controller manufacturer	<ul><li>✓</li><li>Wi-Fi 6E (802.11ax)</li><li>Wi-Fi 6E (802.11ax)</li><li>Intel</li></ul>	Width * Depth *	315.4 mm
Wi-Fi * Top Wi-Fi standard Wi-Fi standards	<ul><li>✓</li><li>Wi-Fi 6E (802.11ax)</li><li>Wi-Fi 6E (802.11ax)</li></ul>	Width * Depth * Height *	315.4 mm 376 mm
Wi-Fi * Top Wi-Fi standard Wi-Fi standards WLAN controller manufacturer	<ul><li>✓</li><li>Wi-Fi 6E (802.11ax)</li><li>Wi-Fi 6E (802.11ax)</li><li>Intel</li></ul>	Width * Depth * Height * Weight *	315.4 mm 376 mm
Wi-Fi * Top Wi-Fi standard Wi-Fi standards WLAN controller manufacturer	<ul><li>✓</li><li>Wi-Fi 6E (802.11ax)</li><li>Wi-Fi 6E (802.11ax)</li><li>Intel</li></ul>	Width * Depth * Height * Weight * Packaging content	315.4 mm 376 mm 9.67 kg
Wi-Fi * Top Wi-Fi standard Wi-Fi standards WLAN controller manufacturer	<ul><li>✓</li><li>Wi-Fi 6E (802.11ax)</li><li>Wi-Fi 6E (802.11ax)</li><li>Intel</li></ul>	Width * Depth * Height * Weight *  Packaging content  Mouse included  Mouse connectivity  Keyboard included	315.4 mm 376 mm 9.67 kg
Wi-Fi * Top Wi-Fi standard Wi-Fi standards WLAN controller manufacturer	<ul><li>✓</li><li>Wi-Fi 6E (802.11ax)</li><li>Wi-Fi 6E (802.11ax)</li><li>Intel</li></ul>	Width * Depth * Height * Weight * Packaging content Mouse included Mouse connectivity	315.4 mm 376 mm 9.67 kg
Wi-Fi * Top Wi-Fi standard Wi-Fi standards WLAN controller manufacturer	<ul><li>✓</li><li>Wi-Fi 6E (802.11ax)</li><li>Wi-Fi 6E (802.11ax)</li><li>Intel</li></ul>	Width * Depth * Height * Weight *  Packaging content  Mouse included  Mouse connectivity  Keyboard included	315.4 mm 376 mm 9.67 kg    Wired

