



DELL OptiPlex 7020 Intel® Core™ i5 i5-14500 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Negro

Marca : DELL

Familia de productos:
OptiPlex

Código del producto: WJ8W7

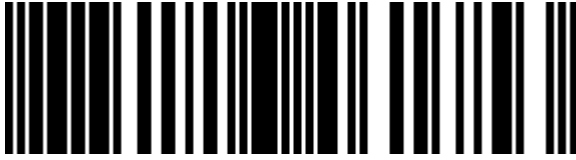
Nombre del producto : 7020

DELL OptiPlex 7020. Familia de procesador: Intel® Core™ i5, Modelo del procesador: i5-14500. Memoria interna: 8 GB, Tipo de memoria interna: DDR5-SDRAM. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel UHD Graphics 770. Wifi. Sistema operativo instalado: Windows 11 Pro, Arquitectura del sistema operativo: 64-bit. Fuente de alimentación: 180 W. Tipo de chasis: SFF. Tipo de producto: PC. Color del producto: Negro



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPorts quantity	1
Processor family *	Intel® Core™ i5	DisplayPort version	1.4a
Processor generation	Intel® Core™ i5 (14th gen)	Combo headphone/mic port	✓
Processor model *	i5-14500	Number of SATA III connectors	1
Processor cores	14	Expansion slots	
Processor threads	20	PCI Express x1 (Gen 3.x) slots	1
Processor boost frequency	5 GHz	PCI Express x16 (Gen 3.x) slots	1
Performance cores	6	Design	
Efficient cores	8	Chassis type *	SFF
Performance-core Max Turbo Frequency	5 GHz	Placement supported	Vertical
Efficient-core Max Turbo Frequency	3.7 GHz	Cable lock slot	✓
Performance-core base frequency	2.6 GHz	Cable lock slot type	Kensington
Efficient-core base frequency	1.9 GHz	Product colour *	Black
Processor cache	24 MB	Intel® vPro™ Platform Eligibility	✓
Processor cache type	Smart Cache	Performance	
Number of processors installed	1	Motherboard chipset	Intel Q670
Processor base power	65 W	Audio chip	Realtek ALC3204-CG
Maximum turbo power	154 W	Audio system	High Definition Audio
Memory		Trusted Platform Module (TPM)	✓
Internal memory *	8 GB	Trusted Platform Module (TPM) version	2.0
Maximum internal memory *	64 GB	Product type *	PC
Internal memory type	DDR5-SDRAM	Software	
Memory layout (slots x size)	1 x 8 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x DIMM	Operating system architecture	64-bit
Storage		Operating system language	English, Spanish, French, Brazilian-Portuguese
Total storage capacity *	512 GB		
Storage media *	SSD		

Storage		Software	
Optical drive type *	✗	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Number of storage drives installed	1		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express		
NVMe	✓		
SSD form factor	M.2		
SSD performance class	25		
Graphics		Power	
Discrete graphics card *	✗	Power supply *	180 W
On-board graphics card *	✓	Power supply input voltage	90 - 264 V
Discrete graphics card model *	Not available	Power supply input frequency	47/63 Hz
On-board GPU manufacturer	Intel	80 PLUS certification	80 PLUS Bronze
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel UHD Graphics 770		
Network		Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	10 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage temperature (T-T)	-40 - 65 °C
Cabling technology	10/100/1000Base-T(X)	Operating relative humidity (H-H)	20 - 80%
Wi-Fi *	✓	Storage relative humidity (H-H)	5 - 95%
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Operating altitude	-15.2 - 3048 m
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Non-operating altitude	-15.2 - 10668 m
WLAN controller manufacturer	Intel	Operating vibration	0.26 G
WLAN controller model	Intel Wi-Fi 6E AX210	Non-operating vibration	1.37 G
Antenna type	2x2	Non-operating shock	105 G
Bluetooth	✓		
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	4	Width *	92.6 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Depth *	292.8 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Height *	290 mm
HDMI ports quantity *	1		
HDMI version	1.4b		
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	160
		Carbon emissions, manufacturing (kg of CO2e)	80
		Carbon emissions, logistics (kg of CO2e)	11
		Carbon emissions, energy usage (kg of CO2e)	64
		Carbon emissions, end-of-life (kg of CO2e)	4
		Total carbon emissions, w/o use phase (kg of CO2e)	96
		PAIA version	GaBi version 1, 2024
		Display	
		Display included *	✗



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