



DELL OptiPlex 7020 Intel® Core™ i5 i5-14500 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Nero

Marchio : DELL

Famiglia del prodotto:
OptiPlex

Codice prodotto: DW6H7

Nome del prodotto : 7020

- Windows 11 Pro 64-bit
- Intel Core i5-14500 (24Mo Cache)
- 16Go DDR5-SDRAM (1 x 16) & 512Go SSD
Intel Core i5-14500 (24Mo Cache), 16Go DDR5-SDRAM, 512Go SSD, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Desktop commerciale a prestazioni elevate con memoria DDR5, 10 porte USB native tra cui 1 porta USB-C e 3 DisplayPort native

DELL OptiPlex 7020. Famiglia processore: Intel® Core™ i5, Modello del processore: i5-14500. RAM installata: 16 GB, Tipo di RAM: DDR5-SDRAM. Capacità totale di archiviazione: 512 GB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel UHD Graphics 770. Wi-Fi. Sistema operativo incluso: Windows 11 Pro, Architettura sistema operativo: 64-bit. Alimentazione: 180 W. Tipo di case: SFF. Tipo di prodotto: PC. Colore del prodotto: Nero



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Number of rear USB ports	4
Processor family *	Intel® Core™ i5	Number of front USB ports	4
Processor generation	Intel® Core™ i5 (14th gen)	Number of front audio ports	1
Processor model *	i5-14500	Number of SATA III connectors	2
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	Water cooling system	✗
Performance-core base frequency	2.6 GHz	Cable lock slot	✓
Efficient-core base frequency	1.9 GHz	Cable lock slot type	Kensington
Processor cache	24 MB	Product colour *	Black
Processor cache type	Smart Cache	Intel® vPro™ Platform Eligibility	✓
Number of processors installed	1	Performance	
Number of processors supported	1	Market positioning	Business
Processor base power	65 W	Motherboard chipset	Intel Q670
Maximum turbo power	154 W	Audio chip	Realtek ALC3204-CG
Memory		Audio system	High Definition Audio
Internal memory *	16 GB	Built-in speaker(s)	✗
Maximum internal memory *	64 GB	Trusted Platform Module (TPM)	✓
Internal memory type	DDR5-SDRAM	Trusted Platform Module (TPM) version	2.0
Memory layout (slots x size)	1 x 16 GB	Product type *	PC
Memory slots	2x DIMM	Software	
Memory channels	Single-channel	Operating system installed *	Windows 11 Pro
Memory data transfer rate	4800 MT/s		

Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system language	German, Dutch, English, French, Italian
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	35		
Compatible memory cards	Not supported		
RAID support	✗		
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		
Maximum on-board graphics card resolution	7680 x 4320 pixels		
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 6E (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 6E (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		Sustainability	
USB 2.0 ports quantity *	4	Sustainability compliance	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Sustainability certificates	ENERGY STAR, EPEAT Silver
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	1.4b	Width *	92.6 mm
DisplayPorts quantity	1	Depth *	292.8 mm
DisplayPort version	1.4a	Height *	290 mm
Combo headphone/mic port	✓		
		Packaging content	
		Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
		Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	160
		Carbon emissions, manufacturing (kg of CO2e)	80
		Carbon emissions, logistics (kg of CO2e)	11.36
		Carbon emissions, energy usage (kg of CO2e)	64.48
		Carbon emissions, end-of-life (kg of CO2e)	4.32
		Total carbon emissions, w/o use phase (kg of CO2e)	95.52
		PAIA version	GaBi version 1, 2024
		Display	
		Display included *	✗



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