



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



Brand : DELL

Product family: OptiPlex

Product code: DW6H7

Product name : 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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Commercial desktop with DDR5 memory, 8 native USBs including 1 USB-C, 1 native DisplayPort, and 1 native HDMI.

DELL OptiPlex 7020. Processor family: Intel® Core™ i5, Processor model: i5-14500. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: SFF. Product type: PC. Product colour: Black

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	Intel® Core™ i5	HDMI ports quantity *	1
Processor generation	Intel Core i5-14xxx	HDMI version	1.4b
Processor model *	i5-14500	DisplayPorts quantity	1
Processor cores	14	DisplayPort version	1.4a
Processor threads	20	Combo headphone/mic port	✓
Processor boost frequency	5 GHz	Number of rear USB ports	4
Performance cores	6	Number of front USB ports	4
Efficient cores	8	Number of front audio ports	1
Performance-core Max Turbo Frequency	5 GHz	Number of SATA III connectors	1
Efficient-core Max Turbo Frequency	3.7 GHz	Expansion slots	
Performance-core base frequency	2.6 GHz	PCI Express x1 (Gen 3.x) slots	1
Efficient-core base frequency	1.9 GHz	PCI Express x16 (Gen 3.x) slots	1
Processor cache	24 MB	Design	
Processor cache type	Smart Cache	Chassis type *	SFF
Number of processors installed	1	Placement supported	Vertical
Number of processors supported	1	Water cooling system	✗
Processor base power	65 W	Cable lock slot	✓
Maximum turbo power	154 W	Cable lock slot type	Kensington
Memory		Product colour *	Black
Internal memory *	16 GB	Intel® vPro™ Platform Eligibility	✓
Maximum internal memory *	64 GB	Performance	
Internal memory type	DDR5-SDRAM	Market positioning	Business
Memory layout (slots x size)	1 x 16 GB	Motherboard chipset	Intel Q670
Memory slots	2x DIMM	Audio chip	Realtek ALC3204-CG
Memory channels	Single-channel	Audio system	High Definition Audio
Memory data transfer rate	4800 MT/s	Built-in speaker(s)	✗

Storage		Performance	
Total storage capacity *	512 GB	Trusted Platform Module (TPM)	✓
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Product type *	PC
Number of storage drives installed	1	Software	
Total SSDs capacity	512 GB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Operating system architecture	64-bit
SSD capacity	512 GB	Operating system language	German, Dutch, English, French, Italian
SSD interface	PCI Express	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
NVMe	✓	Power	
SSD form factor	M.2	Power supply *	180 W
SSD performance class	35	Power supply input voltage	90 - 264 V
Compatible memory cards	Not supported	Power supply input frequency	47/63 Hz
RAID support	✗	80 PLUS certification	80 PLUS Bronze
Graphics		Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	10 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	20 - 80%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	5 - 95%
On-board graphics card family	Intel® UHD Graphics	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	Intel UHD Graphics 770	Non-operating altitude	-15.2 - 10668 m
Maximum on-board graphics card resolution	7680 x 4320 pixels	Operating vibration	0.26 G
Network		Non-operating vibration	1.37 G
Ethernet LAN *	✓	Non-operating shock	105 G
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability	
Cabling technology	10/100/1000Base-T(X)	Sustainability compliance	✓
Wi-Fi *	✓	Sustainability certificates	ENERGY STAR, EPEAT Silver
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Weight & dimensions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Width *	92.6 mm
WLAN controller manufacturer	Intel	Depth *	292.8 mm
WLAN controller model	Intel Wi-Fi 6E AX210	Height *	290 mm
Antenna type	2x2	Packaging content	
Bluetooth	✓	Display included *	✗
Ports & interfaces		Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
USB 2.0 ports quantity *	4	Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		



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