



DELL OptiPlex 7020 Intel® Core™ i5 i5-12500 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Black



Brand : DELL

Product family: OptiPlex

Product code: H5VR6

Product name : 7020

- Windows 11 Pro 64-bit
- Intel Core i5-12500 (18MB Cache)

- 8GB DDR5-SDRAM (1 x 8) & 512GB SSD

Intel Core i5-12500 (18MB Cache), 8GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, LAN, 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: i5-12500. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. 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	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	12th gen Intel® Core™ i5	HDMI ports quantity *	1
Processor model *	i5-12500	HDMI version	1.4b
Processor cores	6	DisplayPorts quantity	1
Processor threads	12	DisplayPort version	1.4a
Processor boost frequency	4.6 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	6	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.6 GHz	Total number of SATA connectors	2
Performance-core base frequency	3 GHz	Expansion slots	
Processor cache	18 MB	PCI Express x1 (Gen 3.x) slots	1
Processor cache type	Smart Cache	PCI Express x16 (Gen 3.x) slots	1
Number of processors installed	1	Design	
Processor base power	65 W	Chassis type *	SFF
Maximum turbo power	117 W	Placement supported	Vertical
Memory		Cable lock slot	✓
Internal memory *	8 GB	Cable lock slot type	Kensington
Maximum internal memory *	64 GB	Product colour *	Black
Internal memory type	DDR5-SDRAM	Performance	
Memory layout (slots x size)	1 x 8 GB	Motherboard chipset	Intel Q670
Memory slots	2x DIMM	Audio chip	Realtek ALC3204-CG
Buffered memory type	Unregistered (unbuffered)	Trusted Platform Module (TPM)	✓
Storage		Trusted Platform Module (TPM) version	2.0
Total storage capacity *	512 GB	Product type *	PC
Storage media *	SSD		
Optical drive type *	✗		
Total SSDs capacity	512 GB		

Storage		Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	512 GB	Operating system architecture	64-bit
SSD interface	PCI Express 4.0	Operating system language	German, Dutch, English, French, Italian
NVMe	✓	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
SSD form factor	M.2	Power	
SSD performance class	25	Power supply *	180 W
M.2 SSD size	2230 (22 x 30 mm)	Power supply input voltage	90 - 264 V
Graphics		Power supply input frequency	47/63 Hz
Discrete graphics card *	✗	80 PLUS certification	80 PLUS Bronze
On-board graphics card *	✓	Sustainability	
Discrete graphics card model *	Not available	Sustainability certificates	ENERGY STAR, TCO
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width *	92.6 mm
On-board graphics card model *	Intel UHD Graphics 770	Depth *	292.8 mm
Network		Height *	290 mm
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Display included *	✗
Cabling technology	10/100/1000Base-T(X)	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Wi-Fi *	✗	Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
Ports & interfaces		Cables included	AC
USB 2.0 ports quantity *	4		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		



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