



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

Article code: H5VR6

Product name : 7020

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 color: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPort version	1.4a
Processor family *	Intel® Core™ i5	Ethernet LAN (RJ-45) ports	1
Processor generation	12th gen Intel® Core™ i5	Combo headphone/mic port	✓
Processor model *	i5-12500	Total number of SATA connectors	2
Processor cores	6	Expansion slots	
Processor threads	12	PCI Express x1 (Gen 3.x) slots	1
Processor boost frequency	4.6 GHz	PCI Express x16 (Gen 3.x) slots	1
Performance cores	6	Design	
Performance-core Max Turbo Frequency	4.6 GHz	Chassis type *	SFF
Performance-core base frequency	3 GHz	Placement supported	Vertical
Processor cache	18 MB	Cable lock slot	✓
Processor cache type	Smart Cache	Cable lock slot type	Kensington
Number of processors installed	1	Product colour *	Black
Processor base power	65 W	Performance	
Maximum turbo power	117 W	Motherboard chipset	Intel Q670
Memory		Audio chip	Realtek ALC3204-CG
Internal memory *	8 GB	Trusted Platform Module (TPM)	✓
Maximum internal memory *	64 GB	Trusted Platform Module (TPM) version	2.0
Internal memory type	DDR5-SDRAM	Product type *	PC
Memory layout (slots x size)	1 x 8 GB	Software	
Memory slots	2x DIMM	Operating system installed *	Windows 11 Pro
Buffered memory type	Unregistered (unbuffered)	Operating system architecture	64-bit
Storage		Operating system language	German, Dutch, English, French, Italian
Total storage capacity *	512 GB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Storage media *	SSD		
Optical drive type *	✗		
Total SSDs capacity	512 GB		

Storage		Power	
Number of SSDs installed	1	Power supply *	180 W
SSD capacity	512 GB	Power supply input voltage	90 - 264 V
SSD interface	PCI Express 4.0	Power supply input frequency	47/63 Hz
NVMe	✓	80 PLUS certification	80 PLUS Bronze
SSD form factor	M.2	Sustainability	
SSD performance class	25	Sustainability certificates	ENERGY STAR, TCO
M.2 SSD size	2230 (22 x 30 mm)	Weight & dimensions	
Graphics		Width *	92.6 mm
Discrete graphics card *	✗	Depth *	292.8 mm
On-board graphics card *	✓	Height *	290 mm
Discrete graphics card model *	Not available	Packaging content	
On-board GPU manufacturer	Intel	Display included *	✗
On-board graphics card family	Intel® UHD Graphics	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
On-board graphics card model *	Intel UHD Graphics 770	Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
Network		Cables included	AC
Ethernet LAN *	✓	Carbon footprint	
Ethernet LAN data rates	10,100,1000 Mbit/s	Total carbon footprint (kg of CO2e)	160
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, manufacturing (kg of CO2e)	80
Wi-Fi *	✗	Carbon emissions, logistics (kg of CO2e)	11
Ports & interfaces		Carbon emissions, energy usage (kg of CO2e)	64
USB 2.0 ports quantity *	4	Carbon emissions, end-of-life (kg of CO2e)	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Total carbon emissions, w/o use phase (kg of CO2e)	96
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	PAIA version	GaBi version 1, 2024
USB Type-C DisplayPort Alternate Mode	✓		
HDMI ports quantity *	1		
HDMI version	1.4b		
DisplayPorts quantity	1		



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