



## DELL OptiPlex 7020 Intel® Core™ i5 i5-12500 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Black

**Brand :** DELL

**Product family:** OptiPlex

**Article code:** 1XJDR

**Product name :** 7020

DELL OptiPlex 7020. Processor family: Intel® Core™ i5, Processor model: i5-12500. 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. 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	HDMI version	1.4b
Processor family *	Intel® Core™ i5	DisplayPorts quantity	1
Processor generation	12th gen Intel® Core™ i5	DisplayPort version	1.4a
Processor model *	i5-12500	Ethernet LAN (RJ-45) ports	1
Processor cores	6	Combo headphone/mic port	✓
Processor threads	12	Total number of SATA connectors	2
Processor boost frequency	4.6 GHz	Expansion slots	
Performance cores	6	PCI Express x1 (Gen 3.x) slots	1
Performance-core Max Turbo Frequency	4.6 GHz	PCI Express x16 (Gen 3.x) slots	1
Performance-core base frequency	3 GHz	Design	
Processor cache	18 MB	Chassis type *	SFF
Processor cache type	Smart Cache	Placement supported	Vertical
Number of processors installed	1	Cable lock slot	✓
Processor base power	65 W	Cable lock slot type	Kensington
Maximum turbo power	117 W	Product colour *	Black
Memory		Performance	
Internal memory *	16 GB	Motherboard chipset	Intel Q670
Maximum internal memory *	64 GB	Audio chip	Realtek ALC3204-CG
Internal memory type	DDR5-SDRAM	Trusted Platform Module (TPM)	✓
Memory layout (slots x size)	1 x 16 GB	Trusted Platform Module (TPM) version	2.0
Memory slots	2x DIMM	Product type *	PC
Buffered memory type	Unregistered (unbuffered)	Software	
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system language	English, Spanish, French, Italian, Portuguese
Optical drive type *	✗		
Total SSDs capacity	512 GB		

Storage		Software	
Number of SSDs installed	1	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
SSD performance class	25		
M.2 SSD size	2230 (22 x 30 mm)		
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		Sustainability	
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, TCO
Ethernet LAN data rates	10,100,1000 Mbit/s		
Cabling technology	10/100/1000Base-T(X)		
Wi-Fi *	✗		
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
USB Type-C DisplayPort Alternate Mode	✓		
HDMI ports quantity *	1		
		Packaging content	
		Display included *	✗
		Cables included	AC
		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



5397184917497

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 31-DEC-2024. Prints or copies of Information are only valid on the printed Publication date