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:** G2V4X

Product name : 7020

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

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Intelligent desktops for every workstyle
Find your OptiPlex in just two steps: Select your form factor, then choose the right features for the job. Simplified management: Our new OptiPlex desktops with Intel® Core™ processors (14th gen) feature one BIOS for All-in-Ones and one BIOS across Towers, Small Form Factors and Micro Form Factors. 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. 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

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	Intel® Core™ i5 (14th gen)
Processor model *	i5-14500
Processor cores	14
Processor threads	20
Processor boost frequency	5 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	2.6 GHz
Efficient-core base frequency	1.9 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor base power	65 W
Maximum turbo power	154 W

Memory

Internal memory *	16 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	1 x 16 GB
Memory slots	4x DIMM
Buffered memory type	Unregistered (unbuffered)
Memory data transfer rate	4400 MT/s

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
USB Type-C DisplayPort Alternate Mode	✔
HDMI ports quantity *	1
HDMI version	1.4b
DisplayPorts quantity	1
DisplayPort version	1.4a
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔
Number of SATA III connectors	2

Design

Chassis type *	SFF
Placement supported	Vertical
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Performance

Motherboard chipset	Intel Q670
Audio chip	Realtek ALC3204-CG

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✘
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

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770

Performance

Trusted Platform Module (TPM)	✔
Product type *	PC
Trusted Platform Module (TPM) version	2.0

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Power

Power supply *	180 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz
80 PLUS certification	80 PLUS Bronze

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Silver

Weight & dimensions

Width *	92.6 mm
Depth *	292.8 mm
Height *	290 mm

Packaging content

Cables included	AC

Display

Display included *	✘

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