



## DELL OptiPlex 7020 Intel® Core™ i5 i5-14500 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Mini Tower PC Black

Brand : DELL

Product family: OptiPlex

Article code: NNV5D

Product name : 7020

DELL OptiPlex 7020. Processor family: Intel® Core™ i5, Processor model: i5-14500. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. 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: Mini Tower. Product type: PC. Product color: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor family *	Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	Intel® Core™ i5 (14th gen)	HDMI ports quantity *	1
Processor model *	i5-14500	HDMI version	1.4b
Processor cores	14	DisplayPorts quantity	1
Processor threads	20	DisplayPort version	1.4a
Processor boost frequency	5 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	6	Combo headphone/mic port	✓
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		Design	
Internal memory *	8 GB	Chassis type *	Mini Tower
Maximum internal memory *	64 GB	Placement supported	Horizontal/Vertical
Internal memory type	DDR5-SDRAM	Cable lock slot	✓
Memory layout (slots x size)	1 x 8 GB	Cable lock slot type	Kensington
Memory slots	2x DIMM	Product colour *	Black
Memory data transfer rate	4800 MT/s		
Storage		Performance	
Total storage capacity *	512 GB	Market positioning	Business
		Motherboard chipset	Intel Q670
		Audio chip	Realtek ALC3204-CG
		Built-in speaker(s)	✓
		Number of speakers	1
		Password protection	✓
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Product type *	PC

<b>Storage</b>		<b>Software</b>	
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	DVD±RW	Operating system architecture	64-bit
Number of storage drives installed	1	Operating system language	English, Spanish, French, Italian, Portuguese
Total SSDs capacity	512 GB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	512 GB	Power supply *	180 W
SSD interface	PCI Express	Power supply input voltage	90 - 264 V
NVMe	✓	Power supply input frequency	47/63 Hz
SSD form factor	M.2	80 PLUS certification	80 PLUS Bronze
SSD performance class	35	<b>Operational conditions</b>	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	10 - 35 °C
<b>Graphics</b>		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	20 - 80%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel® UHD Graphics	Operating vibration	0.26 G
On-board graphics card model *	Intel UHD Graphics 770	Non-operating vibration	1.37 G
<b>Network</b>		Operating shock	40 G
Ethernet LAN *	✓	Non-operating shock	105 G
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Sustainability</b>	
LAN controller	Intel® I219-LM	Sustainability compliance	✓
Wi-Fi *	✗	Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
<b>Ports &amp; interfaces</b>		<b>Weight &amp; dimensions</b>	
USB 2.0 ports quantity *	4	Width *	154 mm
		Depth *	292.2 mm
		Height *	324.3 mm
		<b>Packaging content</b>	
		Display included *	✗
		Cables included	AC



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