



# 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

**Product code:** 6DT3D

**Product name :** 7020

- Windows 11 Pro 64-bit
  - Intel Core i5-14500 (24MB Cache)
  - 8GB DDR5-SDRAM (1 x 8) & 512GB SSD
- Intel Core i5-14500 (24MB Cache), 8GB DDR5-SDRAM, 512GB SSD, DVD±RW, Intel UHD Graphics 770, LAN, Windows 11 Pro 64-bit

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

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: i5-14500. 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 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	HDMI ports quantity *	1
Processor generation	Intel Core i5-14xxx	HDMI version	1.4b
Processor model *	i5-14500	DisplayPorts quantity	1
Processor cores	14	DisplayPort version	1.4a
Processor threads	20	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5 GHz	Combo headphone/mic port	✓
Performance cores	6	Number of rear USB ports	4
Efficient cores	8	Number of front USB ports	4
Performance-core Max Turbo Frequency	5 GHz	Number of front audio ports	1
Efficient-core Max Turbo Frequency	3.7 GHz	<b>Design</b>	
Performance-core base frequency	2.6 GHz	Chassis type *	Mini Tower
Efficient-core base frequency	1.9 GHz	Placement supported	Horizontal/Vertical
Processor cache	24 MB	Water cooling system	✗
Processor cache type	Smart Cache	Cable lock slot	✓
Number of processors installed	1	Cable lock slot type	Kensington
Number of processors supported	1	Product colour *	Black
Processor base power	65 W	<b>Performance</b>	
Maximum turbo power	154 W	Market positioning	Business
<b>Memory</b>		Motherboard chipset	Intel Q670
Internal memory *	8 GB	Audio chip	Realtek ALC3204-CG
Maximum internal memory *	64 GB	Built-in speaker(s)	✓
Internal memory type	DDR5-SDRAM	Number of speakers	1
Memory layout (slots x size)	1 x 8 GB	Password protection	✓
Memory slots	2x DIMM	Trusted Platform Module (TPM)	✓
Memory channels	Single-channel	Trusted Platform Module (TPM) version	2.0
Memory data transfer rate	4800 MT/s	Product type *	PC

Storage		Software	
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Pro
Storage media *	SSD	Operating system architecture	64-bit
Optical drive type *	DVD±RW	Operating system language	German, Dutch, English, French, Italian
Number of storage drives installed	1	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Total SSDs capacity	512 GB	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	Power supply input frequency	47/63 Hz
NVMe	✓	80 PLUS certification	80 PLUS Bronze
SSD form factor	M.2	Operational conditions	
SSD performance class	35	Operating temperature (T-T)	10 - 35 °C
Compatible memory cards	Not supported	Storage temperature (T-T)	-40 - 65 °C
RAID support	✗	Operating relative humidity (H-H)	20 - 80%
Graphics		Storage relative humidity (H-H)	5 - 95%
Discrete graphics card *	✗	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	Not available	Operating vibration	0.26 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.37 G
On-board graphics card family	Intel® UHD Graphics	Operating shock	40 G
On-board graphics card model *	Intel UHD Graphics 770	Non-operating shock	105 G
Maximum on-board graphics card resolution	7680 x 4320 pixels	Sustainability	
Network		Sustainability compliance	✓
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
LAN controller	Intel® I219-LM	Width *	154 mm
Wi-Fi *	✗	Depth *	292.2 mm
Bluetooth	✗	Height *	324.3 mm
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	4	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
		Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
		Cables included	AC



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