



DELL OptiPlex 7020 Plus Intel® Core™ i5 i5-14500 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro MFF Mini PC Black

Brand : DELL

Product family: OptiPlex

Product code: 2PTC6

Product name : 7020 Plus

- 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, WLAN, Bluetooth, Windows 11 Pro 64-bit

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High performance commercial desktop with DDR5 memory, 5 native USBs including 1 USB-C, and 3 native DisplayPorts

DELL OptiPlex 7020 Plus. 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. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: MFF. Product type: Mini PC. Weight: 1.35 kg. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor family *	Intel® Core™ i5	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor generation	Intel® Core™ i5 (14th gen)	PowerShare	✓
Processor model *	i5-14500	Number of USB ports with PowerShare support	1
Processor cores	14	DisplayPorts quantity	3
Processor threads	20	DisplayPort version	1.4a
Processor boost frequency	5 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	6	Microphone in	✓
Efficient cores	8	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5 GHz	DC-in jack	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Design	
Performance-core base frequency	2.6 GHz	Chassis type *	MFF
Efficient-core base frequency	1.9 GHz	Placement supported	Horizontal/Vertical
Processor cache	24 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	154 W	Market positioning	Business
Memory		Motherboard chipset	Intel Q670
Internal memory *	16 GB	Audio chip	Realtek ALC3246
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 16 GB	Password protection	✓
Memory slots	2x SO-DIMM	Trusted Platform Module (TPM)	✓
Non-ECC	✓	Product type *	Mini PC
Memory data transfer rate	5600 MT/s	Trusted Platform Module (TPM) version	2.0
Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	✗		
Number of storage drives installed	1		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		

Storage		Power	
SSD capacity	512 GB	Power supply *	180 W
SSD interface	PCI Express	Power supply input voltage	100 - 240 V
NVMe	✓	Power supply input frequency	50/60 Hz
SSD form factor	M.2	Operational conditions	
Graphics		Operating temperature (T-T)	10 - 35 °C
Discrete graphics card *	✗	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	20 - 80%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	5 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
On-board graphics card family	Intel® UHD Graphics	Non-operating altitude	-15.2 - 10668 m
On-board graphics card model *	Intel UHD Graphics 770	Operating vibration	0.26 G
Network		Non-operating vibration	1.37 G
Ethernet LAN *	✓	Operating shock	40 G
Ethernet LAN data rates	10,100,1000 Mbit/s	Non-operating shock	105 G
Wi-Fi *	✓	Sustainability	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Sustainability certificates	TCO, ENERGY STAR, EPEAT Climate +
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)	Doesn't contain	PVC/BFR
WLAN controller manufacturer	Intel	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6E AX211	Width *	36 mm
Antenna type	2x2	Depth *	178 mm
Bluetooth	✓	Height *	182 mm
Ports & interfaces		Weight *	1.35 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging content	
		Mouse included	✓
		Keyboard included	✓
		Display	
		Display included *	✗



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