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

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

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		
Performance-core base frequency	2.6 GHz	**Design**	
Efficient-core base frequency	1.9 GHz	Chassis type *	MFF
Processor cache	24 MB	Placement supported	Horizontal/Vertical
Processor cache type	Smart Cache	Cable lock slot	✔
Number of processors installed	1	Cable lock slot type	Kensington
Processor base power	65 W	Product colour *	Black
Maximum turbo power	154 W		
Memory		**Performance**	
Internal memory *	16 GB	Market positioning	Business
Maximum internal memory *	64 GB	Motherboard chipset	Intel Q670
Internal memory type	DDR5-SDRAM	Audio chip	Realtek ALC3246
Memory layout (slots x size)	1 x 16 GB	Built-in speaker(s)	✔
Memory slots	2x SO-DIMM	Number of speakers	1
Non-ECC	✔	Password protection	✔
Memory data transfer rate	5600 MT/s	Trusted Platform Module (TPM)	✔
		Trusted Platform Module (TPM) version	2.0

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

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

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
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)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
Bluetooth	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1

Performance

Product type *	Mini PC

Software

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

Power

Power supply *	180 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50/60 Hz

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating vibration	0.26 G
Non-operating vibration	1.37 G
Operating shock	40 G
Non-operating shock	105 G

Sustainability

Sustainability certificates	TCO, ENERGY STAR, EPEAT Climate +
Doesn't contain	PVC/BFR

Weight & dimensions

Width *	36 mm
Depth *	178 mm
Height *	182 mm
Weight *	1.35 kg

Packaging content

Display included *	✖
Mouse included	✔
Keyboard included	✔

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