



DELL OptiPlex 7020 Plus 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: CGNJM

Product name : 7020 Plus

- Windows 11 Pro 64-bit
- Intel Core i5-14500 (24MB Cache)

- 16GB DDR5-SDRAM (2 x 8) & 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, 10 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: 260 W. Chassis type: SFF. Product type: PC. Product colour: 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 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor generation	Intel Core i5-14xxx	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor model *	i5-14500	PowerShare	✓
Processor cores	14	Number of USB ports with PowerShare support	1
Processor threads	20	DisplayPorts quantity	3
Processor boost frequency	5 GHz	DisplayPort version	1.4a
Performance cores	6	Ethernet LAN (RJ-45) ports	1
Efficient cores	8	Line-out	✓
Performance-core Max Turbo Frequency	5 GHz	Line-in	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.6 GHz	Number of SATA III connectors	2
Efficient-core base frequency	1.9 GHz	Expansion slots	
Processor cache	24 MB	PCI Express x4 (Gen 3.x) slots	1
Processor cache type	Smart Cache	PCI Express x16 (Gen 4.x) slots	1
Number of processors installed	1	Design	
Number of processors supported	1	Chassis type *	SFF
Processor base power	65 W	Placement supported	Vertical
Maximum turbo power	154 W	Water cooling system	✗
Memory		Cable lock slot	✓
Internal memory *	16 GB	Cable lock slot type	Kensington
Maximum internal memory *	128 GB	Product colour *	Black
Internal memory type	DDR5-SDRAM	Intel® vPro™ Platform Eligibility	✓
Memory layout (slots x size)	2 x 8 GB	Performance	
Memory slots	4x DIMM	Market positioning	Business
Memory channels	Dual-channel		
Memory data transfer rate	4400 MT/s		

Storage		Performance	
Total storage capacity *	512 GB	Motherboard chipset	Intel Q670
Storage media *	SSD	Audio chip	Realtek ALC3246-CG
Optical drive type *	✗	Built-in speaker(s)	✗
Number of storage drives installed	1	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Product type *	PC
SSD capacity	512 GB	Software	
SSD interface	PCI Express	Operating system installed *	Windows 11 Pro
NVMe	✓	Operating system architecture	64-bit
SSD form factor	M.2	Operating system language	German, Dutch, English, French, Italian
SSD performance class	35	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Compatible memory cards	Not supported	Power	
RAID support	✗	Power supply *	260 W
Graphics		Power supply input voltage	90 - 264 V
Discrete graphics card *	✗	Power supply input frequency	47/63 Hz
On-board graphics card *	✓	80 PLUS certification	80 PLUS Bronze
Discrete graphics card model *	Not available	Operational conditions	
On-board GPU manufacturer	Intel	Operating temperature (T-T)	10 - 35 °C
On-board graphics card family	Intel® UHD Graphics	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card model *	Intel UHD Graphics 770	Operating relative humidity (H-H)	20 - 80%
Maximum on-board graphics card resolution	7680 x 4320 pixels	Storage relative humidity (H-H)	5 - 95%
Network		Operating altitude	-15.2 - 3048 m
Ethernet LAN *	✓	Non-operating altitude	-15.2 - 10668 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating vibration	0.26 G
Cabling technology	10/100/1000Base-T(X)	Non-operating vibration	1.37 G
Wi-Fi *	✓	Non-operating shock	105 G
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Sustainability	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Sustainability certificates	ENERGY STAR, TCO
WLAN controller manufacturer	Intel	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6E AX211	Width *	92.6 mm
Antenna type	2x2	Depth *	292.8 mm
Bluetooth	✓	Height *	290 mm
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	4	Display included *	✗
		Input device model	Dell Pro Wireless Keyboard and Mouse - KM5221W - UK (QWERTY) - Black
		Cables included	AC



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Publication date: 25-JUN-2024. Prints or copies of Information are only valid on the printed Publication date