



## DELL OptiPlex 7020 Plus Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Black



**Brand :** DELL

**Product family:** OptiPlex

**Product code:** 40XJC

**Product name :** 7020 Plus

- Windows 11 Pro 64-bit  
 - Intel Core i7-14700 (33MB Cache)  
 - 16GB DDR5-SDRAM (2 x 8) & 512GB SSD  
 Intel Core i7-14700 (33MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

DELL OptiPlex 7020 Plus Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Black:

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™ i7, Processor model: i7-14700. 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™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor generation	Intel Core i7-14xxx	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor model *	i7-14700	PowerShare	✓
Processor cores	20	Number of USB ports with PowerShare support	1
Processor threads	28	DisplayPorts quantity	3
Processor boost frequency	5.4 GHz	DisplayPort version	1.4a
Performance cores	8	Ethernet LAN (RJ-45) ports	1
Efficient cores	12	Line-out	✓
Performance-core Max Turbo Frequency	5.3 GHz	Line-in	✓
Efficient-core Max Turbo Frequency	4.2 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.1 GHz	Number of SATA III connectors	2
Efficient-core base frequency	1.5 GHz	<b>Expansion slots</b>	
Processor cache	33 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	<b>Design</b>	
Number of processors supported	1	Chassis type *	SFF
Processor base power	65 W	Placement supported	Vertical
Maximum turbo power	219 W	Water cooling system	✗
<b>Memory</b>		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	<b>Performance</b>	
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	No Microsoft Office License Included 30 day Trial Offer Only
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	KM5221W
		Cables included	AC



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