



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:
S012DO7020SFFPUS_VP

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:

Intelligent desktops for every workstyle

Find your OptiPlex in just two steps: Select your form factor, then choose the right features for the job. Simplified management: Our new OptiPlex desktops with Intel® Core™ processors (14th gen) feature one BIOS for All-in-Ones and one BIOS across Towers, Small Form Factors and Micro Form Factors. 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. Chassis type: SFF. Product type: PC. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 6E AX211
Processor family *	Intel® Core™ i7	Antenna type	2x2
Processor generation	Intel® Core™ i7 (14th gen)	Bluetooth	✓
Processor model *	i7-14700	Ports & interfaces	
Processor cores	20	USB 2.0 ports quantity *	4
Processor threads	28	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor boost frequency	5.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Performance cores	8	USB 3.2 Gen 2x2 Type-C ports quantity	1
Efficient cores	12	PowerShare	✓
Performance-core Max Turbo Frequency	5.3 GHz	Number of USB ports with PowerShare support	1
Efficient-core Max Turbo Frequency	4.2 GHz	DisplayPorts quantity	3
Performance-core base frequency	2.1 GHz	DisplayPort version	1.4a
Efficient-core base frequency	1.5 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	33 MB	Line-out	✓
Processor cache type	Smart Cache	Line-in	✓
Number of processors installed	1	Combo headphone/mic port	✓
Processor base power	65 W	Number of SATA III connectors	2
Maximum turbo power	219 W	Expansion slots	
Memory		PCI Express x4 (Gen 3.x) slots	1
Internal memory *	16 GB	PCI Express x16 (Gen 4.x) slots	1
Maximum internal memory *	128 GB	Design	
Internal memory type	DDR5-SDRAM	Chassis type *	SFF
Memory layout (slots x size)	2 x 8 GB	Placement supported	Vertical
Memory slots	4x DIMM	Cable lock slot	✓
Buffered memory type	Unregistered (unbuffered)		
Memory data transfer rate	4400 MT/s		

Storage		Design	
Total storage capacity *	512 GB	Cable lock slot type	Kensington
Storage media *	SSD	Product colour *	Black
Optical drive type *	✗	Performance	
Total SSDs capacity	512 GB	Motherboard chipset	Intel Q670
Number of SSDs installed	1	Audio chip	Realtek ALC3246-CG
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express	Product type *	PC
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Software	
SSD performance class	35	Operating system architecture	64-bit
Graphics		Operating system installed *	Windows 11 Pro
Discrete graphics card *	✗	Power	
On-board graphics card *	✓	Power supply input voltage	90 - 264 V
Discrete graphics card model *	Not available	Power supply input frequency	47/63 Hz
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width *	92.6 mm
On-board graphics card model *	Intel UHD Graphics 770	Depth *	292.8 mm
Network		Height *	290 mm
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Mouse included	✓
Cabling technology	10/100/1000Base-T(X)	Keyboard included	✓
Wi-Fi *	✓	Cables included	AC
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Display	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Display included *	✗
WLAN controller manufacturer	Intel		

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