

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

Brand : DELL Product family: OptiPlex Product code: 542TT

Product name: 7020 Plus

- Windows 11 Pro 64-bit
- Intel Core i7-14700 (33Mo Cache)
- 16Go DDR5-SDRAM (1 x 16) & 512Go SSD

Intel Core i7-14700 (33Mo Cache), 16Go DDR5-SDRAM, 512Go SSD, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

DELL OptiPlex 7020 Plus Intel® Core $^{\text{\tiny TM}}$ i7 i7-14700 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™ 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: 180 W. Chassis type: MFF. Product type: Mini PC. Product colour: Black











Processor		Ports & interfaces	
Processor manufacturer * Processor family *	Intel Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor generation Processor model *	Intel® Core™ i7 (14th gen) i7-14700 20 28 cy 5.4 GHz 8 12 furbo 5.3 GHz frequency 4.2 GHz frequency 2.1 GHz lency 1.5 GHz 33 MB Smart Cache	USB 3.2 Gen 2x2 Type-C ports quantity PowerShare Number of USB ports with PowerShare support DisplayPorts quantity DisplayPort version Ethernet LAN (RJ-45) ports Microphone in Combo headphone/mic port DC-in jack Number of rear USB ports Number of front USB ports Number of front audio ports Design	1
Processor cores Processor threads Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency			1 3 1.4a 1 ✓
Performance-core base frequency Efficient-core base frequency Processor cache Processor cache type Number of processors installed			3 2 2
Number of processors installed Number of processors supported Processor base power Maximum turbo power	1 65 W 219 W	Chassis type * Placement supported Water cooling system	MFF Horizontal/Vertical
Memory Internal memory * Maximum internal memory * Internal memory type	16 GB 64 GB DDR5-SDRAM	Cable lock slot Cable lock slot type Product colour * Intel® vPro™ Platform Eligibility	✓ Kensington Black ✓
Memory layout (slots x size) Memory slots ECC	1 x 16 GB 2x SO-DIMM	Performance Market positioning Motherboard chipset	Business Intel 0670
Memory channels	Single-channel	Audio chip Built-in speaker(s)	Realtek ALC3246

Storage		Performance	
	E12 CD		1
Total storage capacity * Storage media *	512 GB SSD	Number of speakers Password protection	1
Optical drive type *	X	Trusted Platform Module (TPM)	V
Number of storage drives installed	1	Trusted Platform Module (TPM)	•
Total SSDs capacity	512 GB	version	2.0
Number of SSDs installed	1	Product type *	Mini PC
SSD capacity	512 GB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Pro
NVMe	✓	Operating system architecture	64-bit
SSD form factor	M.2	Operating system language	German, Dutch, English, French,
SSD performance class	35	Operating system language	Italian
Compatible memory cards	Not supported	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
RAID support	×	D anisan	30 day mar oner only
Graphics		Power	
Discrete graphics card *	×	Power supply *	180 W
On-board graphics card *	✓	Power supply input voltage	100 - 240 V
Discrete graphics card model *	Not available	Power supply input frequency	50/60 Hz
On-board GPU manufacturer	Intel	Operational conditions	
On-board graphics card family On-board graphics card model *	Intel® UHD Graphics Intel UHD Graphics 770	Operating temperature (T-T)	10 - 35 °C
Maximum on-board graphics card	·	Storage temperature (T-T)	-40 - 65 °C
resolution	7680 x 4320 pixels	Operating relative humidity (H-H)	20 - 80%
Network		Storage relative humidity (H-H) Operating altitude	5 - 95% -15.2 - 3048 m
Ethernet LAN *	1	Non-operating altitude	-15.2 - 10668 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating vibration	0.26 G
Wi-Fi *	✓	Non-operating vibration	1.37 G
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Operating shock	40 G
·	802.11a, Wi-Fi 5 (802.11ac),	Non-operating shock	105 G
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Sustainability	
WLAN controller manufacturer	Intel	Sustainability compliance	1
WLAN controller model	Intel Wi-Fi 6E AX211	·	TCO, ENERGY STAR, EPEAT Climate
Antenna type	2x2	Sustainability certificates	+
Bluetooth	✓	Doesn't contain	PVC/BFR
Ports & interfaces		Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A		Width *	36 mm
ports quantity *	1	Depth *	178 mm
		Height *	182 mm
		Packaging content	
		Display included *	×
		, ,	Dell Pro Wireless Keyboard and
		Input device model	Mouse - KM5221W - UK (QWERTY) -
		Cables included	Black AC
		Caples Iliciaded	AC



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