



DELL OptiPlex 7020 Plus Intel® Core™ i7 i7-14700 32 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro MFF Mini PC Must

Brand : DELL

Product family: OptiPlex

Product code:
N01007020MFFPEMEA_VP

Product name : 7020 Plus

DELL OptiPlex 7020 Plus. Protsessori perekond: Intel® Core™ i7, Protsessori mudel: i7-14700. Sisemälu: 32 GB, Sisemälu tüüp: DDR5-SDRAM, Mälu taksagedus: 5600 MHz. Salvestusmaht kokku: 512 GB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel UHD Graphics 770. WiFi. Installitud operatsioonisüsteem: Windows 11 Pro, Operatsioonisüsteemi arhitektuur: 64-bit. Toiteallikas: 130 W. Keretüüp: MFF. Toote tüüp: Mini PC. Toote värv: Must



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i7	Microphone in	✓
Processor generation	Intel® Core™ i7 (14th gen)	Combo headphone/mic port	✓
Processor model *	i7-14700	DC-in jack	✓
Processor cores	20	Design	
Processor threads	28	Chassis type *	MFF
Processor boost frequency	5.4 GHz	Placement supported	Horizontal/Vertical
Performance cores	8	Cable lock slot	✓
Efficient cores	12	Cable lock slot type	Kensington
Performance-core Max Turbo Frequency	5.3 GHz	Product colour *	Black
Efficient-core Max Turbo Frequency	4.2 GHz	Intel® vPro™ Platform Eligibility	✓
Performance-core base frequency	2.1 GHz	Performance	
Efficient-core base frequency	1.5 GHz	Market positioning	Business
Processor cache	33 MB	Motherboard chipset	Intel Q670
Processor cache type	Smart Cache	Audio chip	Realtek ALC3246
Number of processors installed	1	Built-in speaker(s)	✓
Processor base power	65 W	Number of speakers	1
Maximum turbo power	219 W	Password protection	✓
Memory		Trusted Platform Module (TPM)	✓
Internal memory *	32 GB	Trusted Platform Module (TPM) version	2.0
Maximum internal memory *	64 GB	Product type *	Mini PC
Internal memory type	DDR5-SDRAM	Software	
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Trial software	Microsoft Office Trial, McAfee Business Protection 1-year
Storage			
Total storage capacity *	512 GB		

Storage		Power	
Storage media *	SSD	Power supply *	130 W
Optical drive type *	✗	Power supply input voltage	100 - 240 V
Total SSDs capacity	512 GB	Power supply input frequency	50/60 Hz
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	20 - 80%
SSD form factor	M.2	Storage relative humidity (H-H)	5 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating vibration	0.26 G
Discrete graphics card model *	Not available	Non-operating vibration	1.37 G
On-board GPU manufacturer	Intel	Operating shock	40 G
On-board graphics card family	Intel® UHD Graphics	Non-operating shock	105 G
On-board graphics card model *	Intel UHD Graphics 770	Sustainability	
Network		Sustainability compliance	✓
Ethernet LAN *	✓	Sustainability certificates	TCO, ENERGY STAR, EPEAT Climate +
Ethernet LAN data rates	10,100,1000 Mbit/s	Doesn't contain	PVC/BFR
Wi-Fi *	✓	Weight & dimensions	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Width *	36 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Depth *	178 mm
WLAN controller manufacturer	Intel	Height *	182 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Packaging content	
Antenna type	2x2	Display included *	✗
Bluetooth	✓	Cables included	AC
Ports & interfaces		Carbon footprint	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Total carbon footprint (kg of CO2e)	96
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Carbon emissions, manufacturing (kg of CO2e)	62
USB 3.2 Gen 2x2 Type-C ports quantity	1	Carbon emissions, logistics (kg of CO2e)	2
PowerShare	✓	Carbon emissions, energy usage (kg of CO2e)	31
Number of USB ports with PowerShare support	1	Carbon emissions, end-of-life (kg of CO2e)	1
DisplayPorts quantity	3	Total carbon emissions, w/o use phase (kg of CO2e)	65
DisplayPort version	1.4a	PAIA version	GaBi version 1, 2024

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