



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

Brand : DELL

Product family: OptiPlex

Product code: NF0Y8

Product name : 7020

- Windows 11 Pro 64-bit
- Intel Core i7-14700 (33MB Cache)
- 16GB DDR5-SDRAM (1 x 16) & 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

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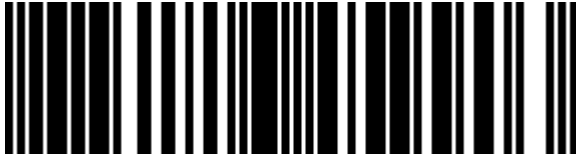
Commercial desktop with DDR5 memory, 8 native USBs including 1 USB-C, 1 native DisplayPort, and 1 native HDMI.

DELL OptiPlex 7020. 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: Mini Tower. Product type: PC. Weight: 5.18 kg. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	Ethernet LAN *	✓
Processor family *	Intel® Core™ i7	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor generation	Intel® Core™ i7 (14th gen)	LAN controller	Intel® I219-LM
Processor model *	i7-14700	Wi-Fi *	✓
Processor cores	20	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Processor threads	28	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Processor boost frequency	5.4 GHz	WLAN controller manufacturer	Intel
Performance cores	8	WLAN controller model	Intel Wi-Fi 6E AX211
Efficient cores	12	Antenna type	2x2
Performance-core Max Turbo Frequency	5.3 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	4.2 GHz	Ports & interfaces	
Performance-core base frequency	2.1 GHz	USB 2.0 ports quantity *	4
Efficient-core base frequency	1.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor cache	33 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor cache type	Smart Cache	DisplayPorts quantity	1
Number of processors installed	1	DisplayPort version	1.4a
Processor base power	65 W	HDMI ports quantity *	1
Maximum turbo power	219 W	HDMI version	1.4b
Memory		Ethernet LAN (RJ-45) ports	1
Internal memory *	16 GB	Combo headphone/mic port	✓
Maximum internal memory *	64 GB	Power	
Internal memory type	DDR5-SDRAM	Power supply *	260 W
Memory layout (slots x size)	1 x 16 GB	Power supply input voltage	90 - 264 V
Memory slots	2x DIMM	Power supply input frequency	47/63 Hz
Non-ECC	✓		
Storage			
Total storage capacity *	512 GB		

Storage		Power	
Storage media *	SSD	80 PLUS certification	80 PLUS Bronze
Optical drive type *	✗	Design	
Number of storage drives installed	1	Chassis type *	Mini Tower
Total SSDs capacity	512 GB	Placement supported	Horizontal/Vertical
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Cable lock slot type	Kensington
SSD interface	PCI Express	Product colour *	Black
NVMe	✓	Software	
SSD form factor	M.2	Operating system architecture	64-bit
SSD performance class	35	Operating system installed *	Windows 11 Pro
Graphics		Display	
Discrete graphics card *	✗	Display included *	✗
On-board graphics card *	✓	Audio	
Discrete graphics card model *	Not available	Audio chip	Realtek ALC3204-CG
On-board GPU manufacturer	Intel	Number of speakers	1
On-board graphics card family	Intel® UHD Graphics	Operational conditions	
On-board graphics card model *	Intel UHD Graphics 770	Operating temperature (T-T)	10 - 35 °C
Performance		Storage temperature (T-T)	-40 - 65 °C
Market positioning	Business	Operating relative humidity (H-H)	20 - 80%
Motherboard chipset	Intel Q670	Storage relative humidity (H-H)	5 - 95%
Password protection	✓	Operating altitude	-15.2 - 3048 m
Trusted Platform Module (TPM)	✓	Non-operating altitude	-15.2 - 10668 m
Product type *	PC	Operating vibration	0.26 G
Trusted Platform Module (TPM) version	2.0	Non-operating vibration	1.37 G
Built-in speaker(s)	✓	Operating shock	40 G
		Non-operating shock	105 G
		Weight & dimensions	
		Width *	154 mm
		Depth *	292.2 mm
		Height *	324.3 mm
		Weight *	5.18 kg
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold, TCO



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