



DELL OptiPlex 7020 Intel® Core™ i5 i5-12500T 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro MFF Mini PC Black

Brand : DELL

Product family: OptiPlex

Product code: WPG06

Product name : 7020

- Windows 11 Pro 64-bit
 - Intel Core i5-12500T (18MB Cache)
 - 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
 Intel Core i5-12500T (18MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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All purpose commercial desktop with DDR5 memory, 6 native USB ports including 1 USB-C, 1 native DisplayPort and 1 native HDMI port. Supports single cable set-up through an optional USB-C port. DELL OptiPlex 7020. Processor family: Intel® Core™ i5, Processor model: i5-12500T. 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: 90 W. Chassis type: MFF. Product type: Mini PC. Weight: 1.32 kg. Product colour: Black

Processor		Ports & interfaces	
Processor manufacturer *	Intel	DC-in jack	✓
Processor family *	Intel® Core™ i5	Number of rear USB ports	4
Processor generation	12th gen Intel® Core™ i5	Number of front USB ports	2
Processor model *	i5-12500T	Number of front audio ports	1
Processor cores	6	Design	
Processor threads	12	Chassis type *	MFF
Processor boost frequency	4.4 GHz	Placement supported	Horizontal/Vertical
Performance cores	6	Water cooling system	✗
Performance-core Max Turbo Frequency	4.4 GHz	Cable lock slot	✓
Performance-core base frequency	2 GHz	Cable lock slot type	Kensington
Processor cache	18 MB	Product colour *	Black
Processor cache type	Smart Cache	Performance	
Number of processors installed	1	Market positioning	Business
Number of processors supported	1	Motherboard chipset	Intel Q670
Processor base power	35 W	Audio chip	Realtek ALC3204
Maximum turbo power	74 W	Built-in speaker(s)	✓
Memory		Number of speakers	1
Internal memory *	16 GB	Password protection	✓
Maximum internal memory *	64 GB	Trusted Platform Module (TPM)	✓
Internal memory type	DDR5-SDRAM	Trusted Platform Module (TPM) version	2.0
Memory layout (slots x size)	1 x 16 GB	Product type *	Mini PC
Memory slots	2x SO-DIMM	Software	
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system language	German, Dutch, English, French, Italian
Optical drive type *	✗	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Number of storage drives installed	1	Power	
Total SSDs capacity	512 GB	Power supply *	90 W
Number of SSDs installed	1	Power supply input voltage	100 - 240 V
SSD capacity	512 GB	Power supply input frequency	50/60 Hz
SSD interface	PCI Express		
NVMe	✓		
SSD form factor	M.2		
SSD performance class	25		

Storage		Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	10 - 35 °C
Compatible memory cards	Not supported	Storage temperature (T-T)	-40 - 65 °C
RAID support	✗	Operating relative humidity (H-H)	20 - 80%
Graphics		Storage relative humidity (H-H)	5 - 95%
Discrete graphics card *	✗	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	Not available	Operating vibration	0.26 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.37 G
On-board graphics card family	Intel® UHD Graphics	Operating shock	40 G
On-board graphics card model *	Intel UHD Graphics 770	Non-operating shock	105 G
Maximum on-board graphics card resolution	7680 x 4320 pixels	Sustainability	
Network		Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
Ethernet LAN *	✓	Doesn't contain	PVC/BFR
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Wi-Fi *	✓	Width *	36 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Depth *	178 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Height *	182 mm
WLAN controller manufacturer	Intel	Weight *	1.32 kg
WLAN controller model	Intel Wi-Fi 6E AX211	Packaging content	
Antenna type	2x2	Display included *	✗
Bluetooth	✓	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Ports & interfaces		Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
USB 2.0 ports quantity *	2	Cables included	AC
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Power cable length	1.8 m
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Carbon footprint	
PowerShare	✓	Total carbon footprint (kg of CO2e)	91
Number of USB ports with PowerShare support	1	Carbon emissions, manufacturing (kg of CO2e)	59
HDMI ports quantity *	1	Carbon emissions, logistics (kg of CO2e)	2
HDMI version	1.4b	Carbon emissions, energy usage (kg of CO2e)	28
DisplayPorts quantity	1	Carbon emissions, end-of-life (kg of CO2e)	1
DisplayPort version	1.4a	Total carbon emissions, w/o use phase (kg of CO2e)	62
Ethernet LAN (RJ-45) ports	1	PAIA version	GaBi version 1, 2024
Combo headphone/mic port	✓	Technical details	
		Box contents	Internal antenna



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