



## DELL OptiPlex 7020 Intel® Core™ i5 i5-12500T 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro MFF Mini PC Black

**Brand :** DELL

**Product family:** OptiPlex

**Product code:** N4453

**Product name :** 7020

- Windows 11 Pro 64-bit

- Intel Core i5-12500T (18MB Cache)

- 8GB DDR5-SDRAM (1 x 8) & 512GB SSD

Intel Core i5-12500T (18MB Cache), 8GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

DELL OptiPlex 7020 Intel® Core™ i5 i5-12500T 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro MFF Mini PC Black:

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: 8 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. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Number of USB ports with PowerShare support	1
Processor family *	Intel® Core™ i5	HDMI ports quantity *	1
Processor generation	12th gen Intel® Core™ i5	HDMI version	1.4b
Processor model *	i5-12500T	DisplayPorts quantity	1
Processor cores	6	DisplayPort version	1.4a
Processor threads	12	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	4.4 GHz	Combo headphone/mic port	✓
Performance cores	6	DC-in jack	✓
Performance-core Max Turbo Frequency	4.4 GHz	Number of rear USB ports	4
Performance-core base frequency	2 GHz	Number of front USB ports	2
Processor cache	18 MB	Number of front audio ports	1
Processor cache type	Smart Cache	<b>Design</b>	
Number of processors installed	1	Chassis type *	MFF
Number of processors supported	1	Placement supported	Horizontal/Vertical
Processor base power	35 W	Water cooling system	✗
Maximum turbo power	74 W	Cable lock slot	✓
<b>Memory</b>		Cable lock slot type	Kensington
Internal memory *	8 GB	Product colour *	Black
Maximum internal memory *	64 GB	<b>Performance</b>	
Internal memory type	DDR5-SDRAM	Market positioning	Business
Memory layout (slots x size)	1 x 8 GB	Motherboard chipset	Intel Q670
Memory slots	2x SO-DIMM	Audio chip	Realtek ALC3204
Memory channels	Single-channel	Built-in speaker(s)	✓
Memory data transfer rate	4800 MT/s	Number of speakers	1
<b>Storage</b>		Password protection	✓
Total storage capacity *	512 GB	Trusted Platform Module (TPM)	✓
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Product type *	Mini PC
Number of storage drives installed	1	<b>Software</b>	
Total SSDs capacity	512 GB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Operating system architecture	64-bit
SSD capacity	512 GB	Operating system language	German, Dutch, English, French, Italian
SSD interface	PCI Express 4.0		
NVMe	✓		

<b>Storage</b>		<b>Software</b>	
SSD form factor	M.2	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
SSD performance class	25	<b>Power</b>	
M.2 SSD size	2230 (22 x 30 mm)	Power supply *	90 W
Compatible memory cards	Not supported	Power supply input voltage	100 - 240 V
RAID support	✗	Power supply input frequency	50/60 Hz
<b>Graphics</b>		<b>Operational conditions</b>	
Discrete graphics card *	✗	Operating temperature (T-T)	10 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	20 - 80%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	5 - 95%
On-board graphics card family	Intel® UHD Graphics	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	Intel UHD Graphics 770	Non-operating altitude	-15.2 - 10668 m
Maximum on-board graphics card resolution	7680 x 4320 pixels	Operating vibration	0.26 G
<b>Network</b>		Non-operating vibration	1.37 G
Ethernet LAN *	✓	Operating shock	40 G
Ethernet LAN data rates	10,100,1000 Mbit/s	Non-operating shock	105 G
Wi-Fi *	✓	<b>Sustainability</b>	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Sustainability certificates	TCO, ENERGY STAR, EPEAT Climate +
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Doesn't contain	PVC/BFR
WLAN controller manufacturer	Intel	<b>Weight &amp; dimensions</b>	
WLAN controller model	Intel Wi-Fi 6E AX211	Width *	36 mm
Antenna type	2x2	Depth *	178 mm
Bluetooth	✓	Height *	182 mm
<b>Ports &amp; interfaces</b>		<b>Packaging content</b>	
USB 2.0 ports quantity *	2	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
PowerShare	✓	Cables included	AC
		Power cable length	1.8 m
		<b>Technical details</b>	
		Box contents	Internal antenna



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Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date