



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

**Brand :** DELL

**Product family:** OptiPlex

**Product code:** V4CHX

**Product name :** 7020

DELL OptiPlex 7020. Processor family: Intel® Core™ i7, Processor model: i7-14700T. 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. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPort version	1.4a
Processor family *	Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor generation	Intel® Core™ i7 (14th gen)	Combo headphone/mic port	✓
Processor model *	i7-14700T	DC-in jack	✓
Processor cores	20	<b>Design</b>	
Processor threads	28	Chassis type *	MFF
Processor boost frequency	5.2 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 GHz	Product colour *	Black
Efficient-core Max Turbo Frequency	3.7 GHz	Intel® vPro™ Platform Eligibility	✓
Performance-core base frequency	1.3 GHz	<b>Performance</b>	
Efficient-core base frequency	0.9 GHz	Market positioning	Business
Processor cache	33 MB	Motherboard chipset	Intel Q670
Processor cache type	Smart Cache	Audio chip	Realtek ALC3204
Number of processors installed	1	Built-in speaker(s)	✓
Processor base power	35 W	Number of speakers	1
Maximum turbo power	106 W	Password protection	✓
<b>Memory</b>		Trusted Platform Module (TPM)	✓
Internal memory *	16 GB	Trusted Platform Module (TPM) version	2.0
Maximum internal memory *	64 GB	Product type *	Mini PC
Internal memory type	DDR5-SDRAM	<b>Software</b>	
Memory layout (slots x size)	1 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
<b>Storage</b>		Operating system language	Danish, English, Finnish, Norwegian, Swedish
Total storage capacity *	512 GB	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
Storage media *	SSD	<b>Power</b>	
Optical drive type *	✗	Power supply *	90 W
Total SSDs capacity	512 GB	Power supply input voltage	100 - 240 V
Number of SSDs installed	1	Power supply input frequency	50/60 Hz
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
SSD performance class	35		

Storage		Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	10 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	20 - 80%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel® UHD Graphics	Operating vibration	0.26 G
On-board graphics card model *	Intel UHD Graphics 770	Non-operating vibration	1.37 G
Network		Operating shock	40 G
Ethernet LAN *	✓	Non-operating shock	105 G
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability	
Wi-Fi *	✓	Sustainability compliance	✓
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	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6E AX211	Width *	36 mm
Antenna type	2x2	Depth *	178 mm
Bluetooth	✓	Height *	182 mm
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	2	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Carbon footprint	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Total carbon footprint (kg of CO2e)	91
PowerShare	✓	Carbon emissions, manufacturing (kg of CO2e)	59
Number of USB ports with PowerShare support	1	Carbon emissions, logistics (kg of CO2e)	2
HDMI ports quantity *	1	Carbon emissions, energy usage (kg of CO2e)	28
HDMI version	1.4b	Carbon emissions, end-of-life (kg of CO2e)	1
DisplayPorts quantity	1	Total carbon emissions, w/o use phase (kg of CO2e)	62
		PAIA version	GaBi version 1, 2024



5397184802328

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 19-DEC-2024. Prints or copies of Information are only valid on the printed Publication date