



## DELL OptiPlex 7020 Intel® Core™ i3 i3-14100T 8 GB DDR5-SDRAM 256 GB SSD Windows 11 Pro MFF Mini PC Black

**Brand :** DELL

**Product family:** OptiPlex

**Product code:** 45CP9

**Product name :** 7020

DELL OptiPlex 7020. Processor family: Intel® Core™ i3, Processor model: i3-14100T. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 730. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 65 W. Chassis type: MFF. Product type: Mini PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i3	Combo headphone/mic port	✓
Processor generation	Intel® Core™ i3 (14th gen)	DC-in jack	✓
Processor model *	i3-14100T	Design	
Processor cores	4	Chassis type *	MFF
Processor threads	8	Placement supported	Horizontal/Vertical
Processor boost frequency	4.4 GHz	Cable lock slot	✓
Performance cores	4	Cable lock slot type	Kensington
Performance-core Max Turbo Frequency	4.4 GHz	Product colour *	Black
Performance-core base frequency	2.7 GHz	Performance	
Processor cache	12 MB	Market positioning	Business
Processor cache type	Smart Cache	Motherboard chipset	Intel Q670
Number of processors installed	1	Audio chip	Realtek ALC3204
Processor base power	35 W	Built-in speaker(s)	✓
Maximum turbo power	69 W	Number of speakers	1
Memory		Password protection	✓
Internal memory *	8 GB	Trusted Platform Module (TPM)	✓
Maximum internal memory *	64 GB	Trusted Platform Module (TPM) version	2.0
Internal memory type	DDR5-SDRAM	Product type *	Mini PC
Memory layout (slots x size)	1 x 8 GB	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Pro
Storage		Operating system architecture	64-bit
Total storage capacity *	256 GB	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Storage media *	SSD	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
Optical drive type *	✗	Power	
Number of storage drives installed	1	Power supply *	65 W
Total SSDs capacity	256 GB	Power supply input voltage	100 - 240 V
Number of SSDs installed	1	Power supply input frequency	50/60 Hz
SSD capacity	256 GB	Operational conditions	
SSD interface	PCI Express 4.0	Operating temperature (T-T)	10 - 35 °C
NVMe	✓	Storage temperature (T-T)	-40 - 65 °C
SSD form factor	M.2	Operating relative humidity (H-H)	20 - 80%
SSD performance class	35		
M.2 SSD size	2230 (22 x 30 mm)		

Graphics		Operational conditions	
Discrete graphics card *	✗	Storage relative humidity (H-H)	5 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	Intel	Operating vibration	0.26 G
On-board graphics card family	Intel® UHD Graphics	Non-operating vibration	1.37 G
On-board graphics card model *	Intel UHD Graphics 730	Operating shock	40 G
		Non-operating shock	105 G
Network		Sustainability	
Ethernet LAN *	✓	Sustainability compliance	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability certificates	TCO, ENERGY STAR, EPEAT Climate +
Wi-Fi *	✓	Doesn't contain	PVC/BFR
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Weight & dimensions	
WLAN controller manufacturer	Intel	Width *	36 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Depth *	178 mm
Antenna type	2x2	Height *	182 mm
Bluetooth	✓	Packaging content	
		Display included *	✗
		Cables included	AC
Ports & interfaces		Carbon footprint	
USB 2.0 ports quantity *	2	Total carbon footprint (kg of CO2e)	91
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Carbon emissions, manufacturing (kg of CO2e)	59
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Carbon emissions, logistics (kg of CO2e)	2
PowerShare	✓	Carbon emissions, energy usage (kg of CO2e)	28
Number of USB ports with PowerShare support	1	Carbon emissions, end-of-life (kg of CO2e)	1
HDMI ports quantity *	1	Total carbon emissions, w/o use phase (kg of CO2e)	62
HDMI version	1.4b	PAIA version	GaBi version 1, 2024
DisplayPorts quantity	1		
DisplayPort version	1.4a		



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