



DELL OptiPlex 7020 Intel® Core™ i3 i3-14100T 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro MFF Mini PC Black

Brand : DELL

Product family: OptiPlex

Product code: 82C8H

Product name : 7020

- Windows 11 Pro 64-bit

- Intel Core i3-14100T (12MB Cache)

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

Intel Core i3-14100T (12MB Cache), 8GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 730, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

DELL OptiPlex 7020 Intel® Core™ i3 i3-14100T 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™ i3, Processor model: i3-14100T. 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 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	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i3	DC-in jack	✓
Processor generation	Intel® Core™ i3 (14th gen)	Number of rear USB ports	4
Processor model *	i3-14100T	Number of front USB ports	2
Processor cores	4	Number of front audio ports	1
Processor threads	8	Design	
Processor boost frequency	4.4 GHz	Chassis type *	MFF
Performance cores	4	Placement supported	Horizontal/Vertical
Performance-core Max Turbo Frequency	4.4 GHz	Water cooling system	✗
Performance-core base frequency	2.7 GHz	Cable lock slot	✓
Processor cache	12 MB	Cable lock slot type	Kensington
Processor cache type	Smart Cache	Product colour *	Black
Number of processors installed	1	Performance	
Number of processors supported	1	Market positioning	Business
Processor base power	35 W	Motherboard chipset	Intel Q670
Maximum turbo power	69 W	Audio chip	Realtek ALC3204
Memory		Built-in speaker(s)	✓
Internal memory *	8 GB	Number of speakers	1
Maximum internal memory *	64 GB	Password protection	✓
Internal memory type	DDR5-SDRAM	Trusted Platform Module (TPM)	✓
Memory layout (slots x size)	1 x 8 GB	Trusted Platform Module (TPM) version	2.0
Memory slots	2x SO-DIMM	Product type *	Mini PC
Memory channels	Single-channel	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
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	Power supply *	65 W
SSD capacity	512 GB	Power supply input voltage	100 - 240 V
SSD interface	PCI Express 4.0	Power supply input frequency	50/60 Hz
NVMe	✓		
SSD form factor	M.2		
SSD performance class	25		

Storage		Operational conditions	
Compatible memory cards	Not supported	Operating temperature (T-T)	10 - 35 °C
RAID support	✗	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	20 - 80%
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
Maximum on-board graphics card resolution	7680 x 4320 pixels	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)	Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Width *	36 mm
WLAN controller manufacturer	Intel	Depth *	178 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Height *	182 mm
Antenna type	2x2	Packaging content	
Bluetooth	✓	Display included *	✗
Ports & interfaces		Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
USB 2.0 ports quantity *	2	Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
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
DisplayPort version	1.4a	PAIA version	GaBi version1
Ethernet LAN (RJ-45) ports	1		



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