



DELL OptiPlex 7010 Intel® Core™ i5 i5-12500 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro SFF PC Black

Brand : DELL

Product family: OptiPlex

Product code: 4YXG0

Product name : 7010

- Windows 11 Pro 64-bit

- Intel Core i5-12500 (18MB Cache)

- 16GB (3200MHz) DDR4-SDRAM (1 x 16) & 512GB SSD

Intel Core i5-12500 (18MB Cache), 16GB DDR4-SDRAM, 512GB SSD, Intel UHD Graphics 770, LAN, Windows 11 Pro 64-bit

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Small form factor desktop with highly expandable performance. Up to 128GB of DDR5 memory and 13th Gen Intel Core™ processors.

DELL OptiPlex 7010. Processor family: Intel® Core™ i5, Processor model: i5-12500. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 3200 MHz. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: SFF. Product type: PC. Weight: 3.68 kg. Product colour: Black



Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x1 (Gen 3.x) slots	1
Processor family *	Intel® Core™ i5	PCI Express x16 (Gen 3.x) slots	1
Processor generation	12th gen Intel® Core™ i5	Design	
Processor model *	i5-12500	Chassis type *	SFF
Processor cores	6	Placement supported	Horizontal/Vertical
Processor threads	12	Cable lock slot	✓
Processor boost frequency	4.6 GHz	Product colour *	Black
Performance cores	6	Performance	
Performance-core Max Turbo Frequency	4.6 GHz	Motherboard chipset	Intel Q670
Performance-core base frequency	3 GHz	Audio chip	Realtek ALC3246-CG
Processor cache	18 MB	Audio system	High Definition Audio
Processor cache type	Smart Cache	Built-in speaker(s)	✓
Number of processors installed	1	Number of speakers	1
Processor base power	65 W	Trusted Platform Module (TPM)	✓
Maximum turbo power	117 W	Product type *	PC
Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Maximum internal memory *	64 GB	Operating system architecture	64-bit
Internal memory type	DDR4-SDRAM	Operating system language	German, Dutch, English, French, Italian
Memory layout (slots x size)	1 x 16 GB	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Memory slots	2x DIMM	Bundled software	Windows System Driver
Memory clock speed	3200 MHz	Power	
Storage		Power supply *	180 W
Total storage capacity *	512 GB	Power supply input voltage	90 - 264 V
Storage media *	SSD	Power supply input frequency	47/63 Hz
Optical drive type *	✗	80 PLUS certification	80 PLUS Bronze
Number of storage drives installed	1		

Storage		Operational conditions	
Total SSDs capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
Number of SSDs installed	1	Storage temperature (T-T)	-40 - 70 °C
SSD capacity	512 GB	Operating relative humidity (H-H)	20 - 80%
SSD interface	PCI Express	Storage relative humidity (H-H)	5 - 95%
NVMe	✓	Operating altitude	-15.2 - 3048 m
SSD form factor	M.2	Non-operating altitude	-15.2 - 10668 m
SSD performance class	25	Operating vibration	0.26 G
Graphics		Non-operating vibration	1.37 G
Discrete graphics card *	✗	Operating shock	40 G
On-board graphics card *	✓	Non-operating shock	105 G
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	Intel	Width *	92.6 mm
On-board graphics card family	Intel® UHD Graphics	Depth *	292.8 mm
On-board graphics card model *	Intel UHD Graphics 770	Height *	290 mm
Network		Weight *	3.68 kg
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Display included *	✗
Cabling technology	10/100/1000Base-T(X)	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Wi-Fi *	✗	Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black
Ports & interfaces		Cables included	AC
USB 2.0 ports quantity *	4	Carbon footprint	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Total carbon footprint	337 kg of CO2e
HDMI ports quantity *	1	Total carbon emissions (Standard deviation)	86 kg of CO2e
HDMI version	1.4b	Carbon emissions (Manufacturing)	214 kg of CO2e
DisplayPorts quantity	1	Carbon emissions (Logistics)	15 kg of CO2e
DisplayPort version	1.4a	Carbon emissions (Use)	105 kg of CO2e
Ethernet LAN (RJ-45) ports	1	Carbon emissions (End-of-Life)	3 kg of CO2e
Combo headphone/mic port	✓	Total carbon emissions (w/o Use phase)	232 kg of CO2e
DC-in jack	✓	PAIA version	1.3.2, 2022
Number of SATA III connectors	2		



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Publication date: 07-MAY-2024. Prints or copies of Information are only valid on the printed Publication date