



DELL OptiPlex 7010 Intel® Core™ i5 i5-12500 8 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro SFF PC Black

Brand : DELL

Product family: OptiPlex

Product code: YDFVN

Product name : 7010

- Windows 11 Pro 64-bit
 - Intel Core i5-12500 (18MB Cache)
 - 8GB (3200MHz) DDR4-SDRAM (1 x 8) & 512GB SSD
 Intel Core i5-12500 (18MB Cache), 8GB 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: 8 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 x16 (Gen 3.x) slots	1
Processor family *	Intel® Core™ i5	Design	
Processor generation	12th gen Intel® Core™ i5	Chassis type *	SFF
Processor model *	i5-12500	Placement supported	Horizontal/Vertical
Processor cores	6	Cable lock slot	✓
Processor threads	12	Product colour *	Black
Processor boost frequency	4.6 GHz	Performance	
Performance cores	6	Motherboard chipset	Intel Q670
Performance-core Max Turbo Frequency	4.6 GHz	Audio chip	Realtek ALC3246-CG
Performance-core base frequency	3 GHz	Audio system	High Definition Audio
Processor cache	18 MB	Built-in speaker(s)	✓
Processor cache type	Smart Cache	Number of speakers	1
Number of processors installed	1	Trusted Platform Module (TPM)	✓
Processor base power	65 W	Product type *	PC
Maximum turbo power	117 W	Software	
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	8 GB	Operating system architecture	64-bit
Maximum internal memory *	64 GB	Operating system language	German, Dutch, English, French, Italian
Internal memory type	DDR4-SDRAM	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Memory layout (slots x size)	1 x 8 GB	Bundled software	Windows System Driver
Memory slots	2x DIMM	Power	
Memory clock speed	3200 MHz	Power supply *	180 W
Storage		Power supply input voltage	90 - 264 V
Total storage capacity *	512 GB	Power supply input frequency	47/63 Hz
Storage media *	SSD	80 PLUS certification	80 PLUS Bronze
Optical drive type *	✗		
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 (kg of CO2e)	337
HDMI ports quantity *	1	Total carbon emissions, standard deviation (kg of CO2e)	86
HDMI version	1.4b	Carbon emissions, manufacturing (kg of CO2e)	214
DisplayPorts quantity	1	Carbon emissions, logistics (kg of CO2e)	15
DisplayPort version	1.4a	Carbon emissions, energy usage (kg of CO2e)	105
Ethernet LAN (RJ-45) ports	1	Carbon emissions, end-of-life (kg of CO2e)	3
Combo headphone/mic port	✓	Total carbon emissions, w/o use phase (kg of CO2e)	232
DC-in jack	✓	PAIA version	1.3.2, 2022
Number of SATA III connectors	2		
Expansion slots			
PCI Express x1 (Gen 3.x) slots	1		



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