DELL

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

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-12500
Processor cores	6
Performance cores	6
Performance-core base frequency	3 GHz
Performance-core Max Turbo Frequency	4.6 GHz
Processor boost frequency	4.6 GHz
Processor cache	18 MB
Processor cache type	Smart Cache
Processor threads	12
Number of processors installed	1
Processor base power	65 W
Maximum turbo power	117 W

Memory

Internal memory *	8 GB
Maximum internal memory *	64 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x DIMM
Memory clock speed	3200 MHz

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1

Expansion slots

PCI Express x16 (Gen 3.x) slots	1

Design

Chassis type *	SFF
Placement supported	Horizontal/Vertical
Cable lock slot	✔
Product colour *	Black

Performance

Motherboard chipset	Intel Q670
Audio chip	Realtek ALC3246-CG
Audio system	High Definition Audio
Built-in speaker(s)	✔
Number of speakers	1
Trusted Platform Module (TPM)	✔
Product type *	PC

Software

Operating system installed *	Windows 11 Pro
Operating system architecture	64-bit
Operating system language	German, Dutch, English, French, Italian
Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Bundled software	Windows System Driver

Power

Power supply *	180 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz
80 PLUS certification	80 PLUS Bronze

Storage

Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
SSD performance class	25

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
HDMI ports quantity *	1
HDMI version	1.4b
DisplayPorts quantity	1
DisplayPort version	1.4a
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔
DC-in jack	✔
Number of SATA III connectors	2

Expansion slots

PCI Express x1 (Gen 3.x) slots	1

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating vibration	0.26 G
Non-operating vibration	1.37 G
Operating shock	40 G
Non-operating shock	105 G

Weight & dimensions

Width *	92.6 mm
Depth *	292.8 mm
Height *	290 mm
Weight *	3.68 kg

Packaging content

Display included *	✘
Mouse included on selected markets only	✔
Mouse connectivity	Wired
Keyboard included on selected markets only	✔
Keyboard connectivity	Wired
Input device model	KB216,MS116
Cables included	AC

Carbon footprint

Total carbon footprint	337 kg of CO2e
Total carbon emissions (Standard deviation)	86 kg of CO2e
Carbon emissions (Manufacturing)	214 kg of CO2e
Carbon emissions (Logistics)	15 kg of CO2e
Carbon emissions (Use)	105 kg of CO2e
Carbon emissions (End-of-Life)	3 kg of CO2e
Total carbon emissions (w/o Use phase)	232 kg of CO2e
PAIA version	1.3.2, 2022

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