



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: 18DK2

Product name : 7010

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. Product colour: Black



Processor		Design	
Processor manufacturer *	Intel	Chassis type *	SFF
Processor family *	Intel® Core™ i5	Placement supported	Vertical
Processor generation	12th gen Intel® Core™ i5	Cable lock slot	✓
Processor model *	i5-12500	Cable lock slot type	Kensington
Processor cores	6	Product colour *	Black
Processor threads	12	Performance	
Processor boost frequency	4.6 GHz	Motherboard chipset	Intel Q670
Performance cores	6	Audio chip	Realtek ALC3246-CG
Performance-core Max Turbo Frequency	4.6 GHz	Audio system	High Definition Audio
Performance-core base frequency	3 GHz	Trusted Platform Module (TPM)	✓
Processor cache	18 MB	Product type *	PC
Processor cache type	Smart Cache	Software	
Number of processors installed	1	Operating system installed *	Windows 11 Pro
Processor base power	65 W	Operating system architecture	64-bit
Maximum turbo power	117 W	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Memory		Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Internal memory *	16 GB	Power	
Maximum internal memory *	64 GB	Power supply *	180 W
Internal memory type	DDR4-SDRAM	Power supply input voltage	90 - 264 V
Memory layout (slots x size)	1 x 16 GB	Power supply input frequency	47 - 63 Hz
Memory slots	2x DIMM	Operational conditions	
Memory clock speed	3200 MHz	Operating temperature (T-T)	10 - 35 °C
Storage		Storage temperature (T-T)	-40 - 70 °C
Total storage capacity *	512 GB	Operating relative humidity (H-H)	20 - 80%
Storage media *	SSD	Storage relative humidity (H-H)	5 - 95%
Optical drive type *	✗		
Total SSDs capacity	512 GB		

Storage		Operational conditions	
Number of SSDs installed	1	Operating altitude	-15.2 - 3048 m
SSD capacity	512 GB	Non-operating altitude	-15.2 - 10668 m
SSD interface	PCI Express	Operating vibration	0.26 G
NVMe	✓	Non-operating vibration	1.37 G
SSD form factor	M.2	Operating shock	40 G
SSD performance class	25	Non-operating shock	105 G
Graphics		Weight & dimensions	
Discrete graphics card *	✗	Width *	92.6 mm
On-board graphics card *	✓	Depth *	292.8 mm
Discrete graphics card model *	Not available	Height *	290 mm
On-board GPU manufacturer	Intel	Packaging content	
On-board graphics card family	Intel® UHD Graphics	Display included *	✗
On-board graphics card model *	Intel UHD Graphics 770	Mouse included on selected markets only	✓
Network		Mouse connectivity	Wired
Ethernet LAN *	✓	Keyboard included on selected markets only	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Keyboard connectivity	Wired
Cabling technology	10/100/1000Base-T(X)	Cables included	AC
Wi-Fi *	✗	Carbon footprint	
Ports & interfaces		Total carbon footprint (kg of CO2e)	337
USB 2.0 ports quantity *	4	Total carbon emissions, standard deviation (kg of CO2e)	86
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Carbon emissions, manufacturing (kg of CO2e)	214
HDMI ports quantity *	1	Carbon emissions, logistics (kg of CO2e)	15
DisplayPorts quantity	1	Carbon emissions, energy usage (kg of CO2e)	105
DisplayPort version	1.4a	Carbon emissions, end-of-life (kg of CO2e)	3
Ethernet LAN (RJ-45) ports	1	Total carbon emissions, w/o use phase (kg of CO2e)	232
Combo headphone/mic port	✓	PAIA version	1.3.2, 2022
Expansion slots			
PCI Express x1 (Gen 3.x) slots	1		
PCI Express x16 (Gen 3.x) slots	1		



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