



## DELL OptiPlex 7010 Plus Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Black

**Brand :** DELL

**Product family:** OptiPlex

**Article code:** HKM53

**Product name :** 7010 Plus

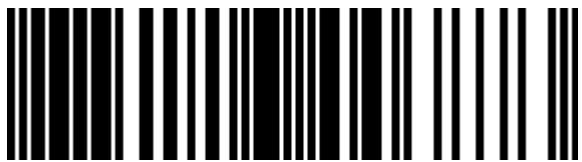


DELL OptiPlex 7010 Plus. Processor family: Intel® Core™ i7, Processor model: i7-13700. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4400 MHz. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 260 W. Chassis type: SFF. Product type: PC. Product color: Black



<b>Processor</b>		<b>Expansion slots</b>	
Processor manufacturer *	Intel	PCI Express x4 (Gen 3.x) slots	1
Processor family *	Intel® Core™ i7	PCI Express x16 (Gen 3.x) slots	1
Processor generation	13th gen Intel® Core™ i7	PCI Express x16 (Gen 4.x) slots	1
Processor model *	i7-13700		
Processor cores	16		
Performance cores	8		
Efficient cores	8		
Performance-core base frequency	2.1 GHz		
Efficient-core base frequency	1.5 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		
Performance-core Max Turbo Frequency	5.1 GHz		
Processor boost frequency	5.2 GHz		
Processor cache	30 MB		
Processor cache type	Smart Cache		
Processor threads	24		
Bus type	DMI4		
Number of processors installed	1		
Processor base power	65 W		
Maximum turbo power	219 W		
<b>Memory</b>		<b>Design</b>	
Internal memory *	16 GB	Chassis type *	SFF
Maximum internal memory *	128 GB	Placement supported	Horizontal/Vertical
Internal memory type	DDR5-SDRAM	Cable lock slot	✓
Memory layout (slots x size)	2 x 8 GB	Cable lock slot type	Kensington
Memory slots	4x DIMM	Product color *	Black
Memory clock speed	4400 MHz		
<b>Processor special features</b>		<b>Performance</b>	
		Motherboard chipset	Intel Q670
		Audio chip	Realtek ALC3246-CG
		Audio system	High Definition Audio
		Trusted Platform Module (TPM)	✓
		Product type *	PC
<b>Software</b>		<b>Software</b>	
		Operating system installed *	Windows 11 Pro
		Operating system architecture	64-bit
		Operating system language	English, Spanish, French, Portuguese
<b>Processor special features</b>		<b>Processor special features</b>	
		Intel 64	✓
		Enhanced Intel SpeedStep Technology	✓
		Embedded options available	✓
		Intel VT-x with Extended Page Tables (EPT)	✓
		Idle States	✓

Storage		Processor special features	
Total storage capacity *	512 GB	Intel Stable Image Platform Program (SIPP)	✓
Storage media *	SSD	Intel Trusted Execution Technology	✓
Optical drive type *	✗	Execute Disable Bit	✓
Total SSDs capacity	512 GB	CPU configuration (max)	1
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
SSD interface	PCI Express		
NVMe	✓		
SSD form factor	M.2		
Graphics		Power	
Discrete graphics card *	✗	Power supply *	260 W
On-board graphics card *	✓	Power supply input voltage	90 - 264 V
Discrete graphics card model *	Not available	Power supply input frequency	47/63 Hz
On-board GPU manufacturer	Intel	80 PLUS certification	80 PLUS Bronze
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel UHD Graphics 770		
Network		Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	10 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage temperature (T-T)	-40 - 65 °C
Cabling technology	10/100/1000Base-T(X)	Operating relative humidity (H-H)	20 - 80%
Wi-Fi *	✓	Storage relative humidity (H-H)	5 - 95%
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Operating altitude	-598.4 - 120000" (-15.2 - 3048 m)
	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Non-operating altitude	-598.4 - 420000" (-15.2 - 10668 m)
Wi-Fi standards		Operating vibration	0.26 G
WLAN controller manufacturer	Intel	Non-operating vibration	1.37 G
WLAN controller model	Intel Wi-Fi 6E AX211	Operating shock	40 G
Antenna type	2x2	Non-operating shock	105 G
Bluetooth	✓		
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	4	Width *	3.65" (92.6 mm)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Depth *	11.5" (292.8 mm)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Height *	11.4" (290 mm)
USB 3.2 Gen 2x2 Type-C ports quantity	1		
PowerShare	✓		
Number of USB ports with PowerShare support	1	Packaging content	
DisplayPorts quantity	3	Display included *	✗
DisplayPort version	1.4a	Mouse included on selected markets only	✓
Ethernet LAN (RJ-45) ports	1	Keyboard included on selected markets only	✓
Line-out	✓	Cables included	AC
Line-in	✓	Carbon footprint	
Combo headphone/mic port	✓	Total carbon footprint	337 kg of CO2e
Number of SATA III connectors	3	Total carbon emissions (Standard deviation)	86 kg of CO2e
Expansion slots		Carbon emissions (Manufacturing)	214 kg of CO2e
PCI Express x1 (Gen 3.x) slots	1	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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