



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

Marca : DELL

Familia de productos:
OptiPlex

Código del producto: HKM53-DT

Nombre del producto : 7010 Plus

DELL OptiPlex 7010 Plus. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-13700. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-SDRAM, Velocidad de memoria del reloj: 4400 MHz. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel UHD Graphics 770. Wifi. Sistema operativo instalado: Windows 11 Pro, Arquitectura del sistema operativo: 64-bit. Fuente de alimentación: 260 W. Tipo de chasis: SFF. Tipo de producto: PC. Color del producto: Negro



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

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	✓	Power	
SSD form factor	M.2	Power supply *	260 W
Graphics		Power supply input voltage	90 - 264 V
Discrete graphics card *	✗	Power supply input frequency	47/63 Hz
On-board graphics card *	✓	80 PLUS certification	80 PLUS Bronze
Discrete graphics card model *	Not available	Operational conditions	
On-board GPU manufacturer	Intel	Operating temperature (T-T)	10 - 35 °C
On-board graphics card family	Intel® UHD Graphics	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card model *	Intel UHD Graphics 770	Operating relative humidity (H-H)	20 - 80%
Network		Storage relative humidity (H-H)	5 - 95%
Ethernet LAN *	✓	Operating altitude	-15.2 - 3048 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Non-operating altitude	-15.2 - 10668 m
Cabling technology	10/100/1000Base-T(X)	Operating vibration	0.26 G
Wi-Fi *	✓	Non-operating vibration	1.37 G
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Operating shock	40 G
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Non-operating shock	105 G
WLAN controller manufacturer	Intel	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6E AX211	Width *	92.6 mm
Antenna type	2x2	Depth *	292.8 mm
Bluetooth	✓	Height *	290 mm
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	4	Mouse included on selected markets only	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Keyboard included on selected markets only	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Cables included	AC
USB 3.2 Gen 2x2 Type-C ports quantity	1	Carbon footprint	
PowerShare	✓	Total carbon footprint (kg of CO2e)	337
Number of USB ports with PowerShare support	1	Total carbon emissions, standard deviation (kg of CO2e)	86
DisplayPorts quantity	3	Carbon emissions, manufacturing (kg of CO2e)	214
DisplayPort version	1.4a	Carbon emissions, logistics (kg of CO2e)	15
Ethernet LAN (RJ-45) ports	1	Carbon emissions, energy usage (kg of CO2e)	105
Line-out	✓	Carbon emissions, end-of-life (kg of CO2e)	3
Line-in	✓	Total carbon emissions, w/o use phase (kg of CO2e)	232
Combo headphone/mic port	✓	PAIA version	1.3.2, 2022
Number of SATA III connectors	3	Display	
Expansion slots		Display included *	✗
PCI Express x1 (Gen 3.x) slots	1		
PCI Express x4 (Gen 3.x) slots	1		

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