



DELL OptiPlex 7090 Intel® Core™ i7 i7-10700 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro SFF PC Black

Brand : DELL

Product family: OptiPlex

Article code:
S216DO7090SFFUSVI

Product name : 7090

- Windows 10 Pro 64-bit
- Intel Core i7-10700 (16MB Cache, 2.9GHz)
- 16GB DDR4-SDRAM (2 x 8) & 512GB SSD
Intel Core i7-10700 (16MB Cache, 2.9GHz), 16GB DDR4-SDRAM, 512GB SSD, DVD±RW, Intel UHD Graphics 630, LAN, Windows 10 Pro 64-bit

DELL OptiPlex 7090 Intel® Core™ i7 i7-10700 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro SFF PC Black:

Premium intelligent desktops

Intelligent business tower and small form factor desktops that deliver ultimate expandability and performance. Featuring the latest 10th Gen Intel® processors.

DELL OptiPlex 7090. Processor frequency: 2.9 GHz, Processor family: Intel® Core™ i7, Processor model: i7-10700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Chassis type: SFF. Product type: PC. Weight: 12.6 lbs (5.72 kg). Product color: Black



Processor		Design	
Processor manufacturer *	Intel	Chassis type *	SFF
Processor family *	Intel® Core™ i7	Cable lock slot	✓
Processor generation	10th gen Intel® Core™ i7	Cable lock slot type	Kensington
Processor model *	i7-10700	Product color *	Black
Processor cores	8	Performance	
Processor boost frequency	4.8 GHz	Motherboard chipset	Intel Q570
Processor frequency *	2.9 GHz	Audio system	Waves MaxxAudio
Processor cache	16 MB	Product type *	PC
Number of processors installed	1	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 10 Pro
Maximum internal memory *	128 GB	Processor special features	
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory layout (slots x size)	2 x 8 GB	Enhanced Intel SpeedStep Technology	✓
Memory slots	4x SO-DIMM	Embedded options available	✗
Non-ECC	✓	Intel Clear Video Technology	✓
Storage		Intel VT-x with Extended Page Tables (EPT)	✓
Total storage capacity *	512 GB	Idle States	✓
Storage media *	SSD	Intel Stable Image Platform Program (SIPP)	✓
Optical drive type *	DVD±RW	Intel Trusted Execution Technology	✓
Total SSDs capacity	512 GB	Execute Disable Bit	✓
Number of SSDs installed	1	Intel Software Guard Extensions (Intel SGX)	✓
SSD capacity	512 GB	CPU configuration (max)	1
SSD interface	NVMe, PCI Express		
NVMe	✓		
SSD form factor	M.2		

Graphics		Processor special features	
Discrete graphics card *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available		
On-board graphics card model *	Intel® UHD Graphics 630		
Network		Power	
Ethernet LAN *	✓	Power supply input voltage	90 - 264 V
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply input frequency	50 - 60 Hz
Cabling technology	10/100/1000Base-T(X)	Operational conditions	
LAN controller	Intel® I219	Operating temperature (T-T)	10 - 35 °C
Wi-Fi *	✗	Storage temperature (T-T)	-40 - 65 °C
Ports & interfaces		Operating relative humidity (H-H)	20 - 80%
USB 2.0 ports quantity *	4	Storage relative humidity (H-H)	5 - 95%
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Operating altitude	0 - 120000" (0 - 3048 m)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Non-operating altitude	0 - 420000" (0 - 10668 m)
USB 3.2 Gen 2x2 Type-C ports quantity	1	Operating vibration	0.26 G
PowerShare	✓	Non-operating vibration	1.37 G
Number of USB ports with PowerShare support	1	Non-operating shock	105 G
DisplayPorts quantity	2	Weight & dimensions	
DisplayPort version	1.4	Width *	3.65" (92.6 mm)
Ethernet LAN (RJ-45) ports	1	Depth *	11.5" (292.8 mm)
Line-out	✓	Height *	11.4" (290 mm)
Line-in	✓	Weight *	12.6 lbs (5.72 kg)
Combo headphone/mic port	✓	Packaging content	
Expansion slots		Mouse included	✓
PCI Express x4 (Gen 3.x) slots	1	Keyboard included	✓
PCI Express x16 (Gen 4.x) slots	1	Cables included	AC
		Display	
		Display included *	✗

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