



DELL OptiPlex 7090 Intel® Core™ i5 i5-1145G7 8 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro UFF Mini PC Black

Brand : DELL

Product family: OptiPlex

Product code: 068XG

Product name : 7090

- Windows 10 Pro 64-bit
- Intel Core i5-1145G7 (8MB Cache)
- 8GB (3200MHz) DDR4-SDRAM (1 x 8) & 256GB SSD
Intel Core i5-1145G7 (8MB Cache), 8GB DDR4-SDRAM, 256GB SSD, Intel Iris Xe Graphics, LAN, WLAN, Bluetooth, Windows 10 Pro 64-bit

DELL OptiPlex 7090 Intel® Core™ i5 i5-1145G7 8 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro UFF Mini PC Black:

Beauty like you've never seen

The world's most flexible modular all-in-one experience for a streamlined workspace and productivity with built-in AI from Dell Optimizer.

DELL OptiPlex 7090. Processor family: Intel® Core™ i5, Processor model: i5-1145G7. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 3200 MHz. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 90 W. Chassis type: UFF. Product type: Mini PC. Weight: 650 g. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i5	DisplayPorts quantity	1
Processor generation	11th gen Intel® Core™ i5	DisplayPort version	1.4
Processor model *	i5-1145G7	Ethernet LAN (RJ-45) ports	1
Processor cores	4	Combo headphone/mic port	✓
Processor boost frequency	4.4 GHz	Microphone in	✗
Processor cache	8 MB	DVI port	✗
Processor cache type	Smart Cache	DC-in jack	✓
Configurable TDP-up frequency	2.6 GHz	Power	
Configurable TDP-up	28 W	Power supply *	90 W
Configurable TDP-down	12 W	Power supply input voltage	100 - 240 V
Configurable TDP-down frequency	1.1 GHz	Power supply input frequency	50 - 60 Hz
Number of processors installed	1	Design	
Memory		Chassis type *	UFF
Internal memory *	8 GB	Cable lock slot	✓
Maximum internal memory *	64 GB	Cable lock slot type	Kensington
Internal memory type	DDR4-SDRAM	Product colour *	Black
Memory layout (slots x size)	1 x 8 GB	Intel® vPro™ Platform Eligibility	✓
Memory slots	2x SO-DIMM	Software	
Memory clock speed	3200 MHz	Operating system architecture	64-bit
ECC	✓	Operating system language	English, Spanish, French
Non-ECC	✗	Operating system installed *	Windows 10 Pro
Memory channels	Dual-channel	Trial software	No Microsoft Office License Included-30 day Trial Offer Only
Storage			
Total storage capacity *	256 GB		
Storage media *	SSD		
Optical drive type *	✗		
Number of storage drives installed	1		

Storage		Processor special features	
Total SSDs capacity	256 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Number of SSDs installed	1	Idle States	✓
SSD capacity	256 GB	Intel Stable Image Platform Program (SIPP)	✓
SSD interface	NVMe, PCI Express	Intel Trusted Execution Technology	✓
NVMe	✓	Intel Software Guard Extensions (Intel SGX)	✗
SSD form factor	M.2	CPU configuration (max)	1
Card reader integrated	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Display	
On-board graphics card *	✓	Display included *	✗
Discrete graphics card model *	Not available	Audio	
On-board GPU manufacturer	Intel	Audio chip	Realtek ALC3204-CG
On-board graphics card model *	Intel Iris Xe Graphics	Audio system	High Definition Audio
Performance		Operational conditions	
Product type *	Mini PC	Operating temperature (T-T)	0 - 35 °C
Network		Storage temperature (T-T)	-40 - 65 °C
Ethernet LAN *	✓	Operating relative humidity (H-H)	10 - 90%
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage relative humidity (H-H)	0 - 95%
Cabling technology	10/100/1000Base-T(X)	Operating altitude	-15.2 - 3048 m
LAN controller	Intel® I219-LM	Non-operating altitude	-15.2 - 10668 m
Wi-Fi *	✓	Operating vibration	0.66 G
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Non-operating vibration	1.3 G
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Operating shock	110 G
WLAN controller manufacturer	Intel	Non-operating shock	160 G
WLAN controller model	Intel Wi-Fi 6 AX201	Weight & dimensions	
Antenna type	2x2	Width *	96.1 mm
Bluetooth	✓	Depth *	19.7 mm
Bluetooth version	5.1	Height *	256.2 mm
MU-MIMO	✓	Weight *	650 g
Ports & interfaces		Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Mouse included on selected markets only	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Keyboard included on selected markets only	✓
USB4 Gen 3x2 ports quantity	1	Cables included	AC
PowerShare	✓		
Number of USB ports with PowerShare support	1		



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