



## DELL OptiPlex 7420 plus Intel® Core™ i7 i7-14700 60.5 cm (23.8") 1920 x 1080 pixels All-in-One PC 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Silver



**Brand :** DELL

**Product family:** OptiPlex

**Product code:** FH0D1

**Product name :** 7420 plus

- Windows 11 Pro 64-bit  
- Intel Core i7-14700 (33MB Cache)  
- 60.5 cm (23.81") Full HD 1920 x 1080 IPS  
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD  
Intel Core i7-14700 (33MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 60.5 cm (23.81") Full HD 1920 x 1080 IPS, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Webcam, Windows 11 Pro 64-bit

DELL OptiPlex 7420 plus Intel® Core™ i7 i7-14700 60.5 cm (23.8") 1920 x 1080 pixels All-in-One PC 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Silver:

Sleek silver chassis with a high performance 65-Watt processor and optional 5MP IR camera with Presence Detection for productivity, efficiency and security.

DELL OptiPlex 7420 plus. Product type: All-in-One PC. Display diagonal: 60.5 cm (23.8"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Panel type: IPS. Processor family: Intel® Core™ i7. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Silver

### Display

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type *	Full HD
Native aspect ratio	16:9
Display brightness	250 cd/m <sup>2</sup>
Panel type	IPS
Pixel pitch	0.27 x 0.27 mm
Pixel density	92 ppi
RGB colour space	sRGB
Anti-glare screen	✓
Colour gamut	99%

### Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	Intel® Core™ i7 (14th gen)
Processor model *	i7-14700
Processor cores	20
Processor threads	28
Processor boost frequency	5.4 GHz
Performance cores	8
Efficient cores	12
Performance-core Max Turbo Frequency	5.3 GHz
Efficient-core Max Turbo Frequency	4.2 GHz
Performance-core base frequency	2.1 GHz
Efficient-core base frequency	1.5 GHz
Processor cache	33 MB
Processor cache type	Smart Cache
Processor base power	65 W
Maximum turbo power	219 W

### Camera

Privacy camera	✓
Privacy type	Pop-up

### Network

Wi-Fi *	✓
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), 802.11b, Wi-Fi 4 (802.11n)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth *	✓

### Ports & interfaces

Ethernet LAN (RJ-45) ports	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
HDMI ports quantity *	2
DisplayPorts quantity	1
Headphone outputs	1
Combo headphone/mic port	✓
PowerShare	✓
Number of USB ports with PowerShare support	1

### Design

Product colour *	Silver
Cable lock slot	✓

Memory		Design	
Internal memory *	16 GB	Cable lock slot type	Kensington
Internal memory type	DDR5-SDRAM	VESA mounting	✓
Maximum internal memory *	64 GB	Panel mounting interface	100 x 100 mm
Memory slots	2	On/off button	✓
Memory slots type	SO-DIMM	Performance	
Memory layout (slots x size)	1 x 16 GB	Product type *	All-in-One PC
Memory form factor	DIMM/SO-DIMM	Trusted Platform Module (TPM)	✓
Storage		Trusted Platform Module (TPM) version	2.0
Total storage capacity *	512 GB	Software	
Storage media *	SSD	Operating system architecture	64-bit
Number of storage drives installed	1	Operating system language	German, Dutch, English, French, Italian
Total SSDs capacity	512 GB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
SSD capacity	512 GB	Power	
SSD interface	PCI Express 4.0	AC adapter power	160 W
NVMe	✓	AC adapter frequency	47 - 63 Hz
SSD form factor	M.2	AC adapter input voltage	90 - 264 V
SSD performance class	35	AC adapter output voltage	19.5 V
M.2 SSD size	2230 (22 x 30 mm)	Carbon footprint	
Optical drive type *	✗	Total carbon footprint (kg of CO2e)	372
Card reader integrated	✓	Total carbon emissions, standard deviation (kg of CO2e)	105
Compatible memory cards	SD, SDHC, SDXC	Carbon emissions, manufacturing (kg of CO2e)	195.3
Graphics		Carbon emissions, logistics (kg of CO2e)	43.152
Discrete graphics card *	✗	Carbon emissions, energy usage (kg of CO2e)	133.548
Discrete graphics card model *	Not available	Total carbon emissions, w/o use phase (kg of CO2e)	238.452
On-board graphics card *	✓	PAIA version	1.4.0,2024
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width (with stand)	540 mm
On-board graphics card model *	Intel UHD Graphics 770	Width (without stand)	540 mm
Maximum on-board graphics card resolution	7680 x 4320 pixels	Depth (without stand)	57.9 mm
Audio		Height (without stand)	354.3 mm
Built-in speaker(s) *	✓	Sustainability	
Number of speakers	2	Sustainability compliance	✓
RMS rated power	10 W	Sustainability certificates	ENERGY STAR, TCO
Built-in microphone	✓	Packaging content	
Audio chip	Realtek ALC3289	Input device model	Dell Pro Wireless Keyboard and Mouse - KM5221W - UK (QWERTY) - Black
Camera		Cables included	AC
Built-in camera *	✓	Other features	
Total megapixels	2.07 MP	Stand type	Height adjustable stand
Camera resolution	1920 x 1080 pixels	Intel® vPro™ Platform Eligibility	✓
Camera HD type	Full HD		



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### Catalog Object Cloud



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