



**DELL OptiPlex 7420 Intel® Core™ i5 i5-14500T 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) Grey**



**Brand :** DELL

**Product family:** OptiPlex

**Product code:** DYC�8

**Product name :** 7420

- Windows 11 Pro 64-bit
  - Intel Core i5-14500T (24MB Cache)
  - 60.5 cm (23.81") Full HD 1920 x 1080 IPS
  - 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
- Intel Core i5-14500T (24MB 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 Intel® Core™ i5 i5-14500T 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 \(802.11ax\) Grey:](#)

Create a comfortable workspace with business all-in-ones featuring industry-leading performance, brilliant displays and ergonomic stand options.

DELL OptiPlex 7420. 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™ i5. 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: Grey



Display		Camera	
Display diagonal *	60.5 cm (23.8")	Camera resolution	1920 x 1080 pixels
Display resolution *	1920 x 1080 pixels	Camera HD type	Full HD
Touchscreen *	✗	Privacy camera	✓
HD type *	Full HD	Privacy type	Pop-up
Native aspect ratio	16:9	Network	
Display brightness	250 cd/m <sup>2</sup>	Wi-Fi *	✓
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Pixel pitch	0.27 x 0.27 mm	Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), 802.11b, Wi-Fi 4 (802.11n)
Pixel density	92 ppi	WLAN controller manufacturer	Intel
RGB colour space	sRGB	WLAN controller model	Intel Wi-Fi 6E AX211
Anti-glare screen	✓	Antenna type	2x2
Colour gamut	99%	Ethernet LAN *	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth *	✓
Processor family *	Intel® Core™ i5	Ports & interfaces	
Processor generation	Intel® Core™ i5 (14th gen)	Ethernet LAN (RJ-45) ports	1
Processor model *	i5-14500T	USB 2.0 ports quantity *	2
Processor cores	14	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor threads	20	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor boost frequency	4.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Performance cores	6	DisplayPorts quantity	1
Efficient cores	8	Headphone outputs	1
Performance-core Max Turbo Frequency	4.8 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.4 GHz		
Performance-core base frequency	1.7 GHz		
Efficient-core base frequency	1.2 GHz		
Processor cache	24 MB		
Processor cache type	Smart Cache		

<b>Processor</b>		<b>Design</b>	
Processor base power	35 W	Product colour *	Grey
Maximum turbo power	92 W	Cable lock slot	✓
<b>Memory</b>		Cable lock slot type	Kensington
Internal memory *	16 GB	VESA mounting	✓
Internal memory type	DDR5-SDRAM	On/off button	✓
Maximum internal memory *	64 GB	<b>Performance</b>	
Memory slots	2	Product type *	All-in-One PC
Memory slots type	SO-DIMM	Motherboard chipset	Intel Q670
Memory layout (slots x size)	1 x 16 GB	Trusted Platform Module (TPM)	✓
Memory form factor	DIMM/SO-DIMM	Trusted Platform Module (TPM) version	2.0
<b>Storage</b>		<b>Software</b>	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Number of storage drives installed	1	Operating system language	German, Dutch, English, French, Italian
Total SSDs capacity	512 GB	Pre-installed software	Activate Your Microsoft 365 For A 30 Day Trial
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	512 GB	AC adapter power	130 W
SSD interface	PCI Express 4.0	AC adapter output voltage	19.5 V
NVMe	✓	<b>Carbon footprint</b>	
SSD form factor	M.2	Total carbon footprint (kg of CO2e)	355
SSD performance class	35	Total carbon emissions, standard deviation (kg of CO2e)	93
M.2 SSD size	2230 (22 x 30 mm)	Carbon emissions, manufacturing (kg of CO2e)	193
Optical drive type *	✗	Carbon emissions, logistics (kg of CO2e)	49
Card reader integrated	✓	Carbon emissions, energy usage (kg of CO2e)	113
Compatible memory cards	SD, SDHC, SDXC	Total carbon emissions, w/o use phase (kg of CO2e)	242
<b>Graphics</b>		PAIA version	1.4.0,2024
Discrete graphics card *	✗	<b>Weight &amp; dimensions</b>	
Discrete graphics card model *	Not available	Width (with stand)	540 mm
On-board graphics card *	✓	Width (without stand)	540 mm
On-board GPU manufacturer	Intel	Depth (without stand)	57.9 mm
On-board graphics card family	Intel® UHD Graphics	Height (without stand)	354.3 mm
On-board graphics card model *	Intel UHD Graphics 770	<b>Sustainability</b>	
Maximum on-board graphics card resolution	7680 x 4320 pixels	Sustainability compliance	✓
<b>Audio</b>		Sustainability certificates	ENERGY STAR, TCO
Built-in speaker(s) *	✓	<b>Packaging content</b>	
Number of speakers	2	Input device model	Dell Pro Wireless Keyboard and Mouse - KM5221W - UK (QWERTY) - Black
RMS rated power	4 W	Cables included	AC
Built-in microphone	✓	<b>Other features</b>	
Audio chip	Realtek ALC3246	Stand type	Height adjustable stand
<b>Camera</b>		Intel® vPro™ Platform Eligibility	✓
Built-in camera *	✓		
Total megapixels	2.07 MP		



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