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/m²
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

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Maximum internal memory *	64 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory form factor	DIMM/SO-DIMM

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
SSD performance class	35
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770
Maximum on-board graphics card resolution	7680 x 4320 pixels

Audio

Built-in speaker(s) *	✔
Number of speakers	2
RMS rated power	10 W
Built-in microphone	✔
Audio chip	Realtek ALC3289

Camera

Built-in camera *	✔
Total megapixels	2.07 MP
Camera resolution	1920 x 1080 pixels
Camera HD type	Full HD

Design

Cable lock slot type	Kensington
VESA mounting	✔
Panel mounting interface	100 x 100 mm
On/off button	✔

Performance

Product type *	All-in-One PC
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Software

Operating system architecture	64-bit
Operating system language	German, Dutch, English, French, Italian
Operating system installed *	Windows 11 Pro
Trial software	No Microsoft Office License Included 30 day Trial Offer Only

Power

AC adapter power	160 W
AC adapter frequency	47 - 63 Hz
AC adapter input voltage	90 - 264 V
AC adapter output voltage	19.5 V

Carbon footprint

Total carbon footprint (kg of CO2e)	372
Total carbon emissions, standard deviation (kg of CO2e)	105
Carbon emissions, manufacturing (kg of CO2e)	195.3
Carbon emissions, logistics (kg of CO2e)	43.152
Carbon emissions, energy usage (kg of CO2e)	133.548
Total carbon emissions, w/o use phase (kg of CO2e)	238.452
PAIA version	1.4.0,2024

Weight & dimensions

Width (with stand)	540 mm
Width (without stand)	540 mm
Depth (without stand)	57.9 mm
Height (without stand)	354.3 mm

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, TCO

Packaging content

Input device model	Dell Pro Wireless Keyboard and Mouse - KM5221W - UK (QWERTY) - Black
Cables included	AC

Other features

Stand type	Height adjustable stand
Intel® vPro™ Platform Eligibility	✔

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