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

Audio

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
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

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

Ports & interfaces

Combo headphone/mic port	✔
PowerShare	✔
Number of USB ports with PowerShare support	1

Design

Product colour *	Silver
Cable lock slot	✔
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 installed *	Windows 11 Pro
Operating system language	German, Dutch, English, French, Italian
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

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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