DELL OptiPlex 7020 Intel® Core™ i5 i5-14500 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Nero

Marchio : DELL

Famiglia del prodotto: OptiPlex

Codice prodotto: DW6H7

Nome del prodotto : 7020

- Windows 11 Pro 64-bit
- Intel Core i5-14500 (24Mo Cache)
- 16Go DDR5-SDRAM (1 x 16) & 512Go SSD

Intel Core i5-14500 (24Mo Cache), 16Go DDR5-SDRAM, 512Go SSD, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Desktop commerciale a prestazioni elevate con memoria DDR5, 10 porte USB native tra cui 1 porta USB-C e 3 DisplayPort native
DELL OptiPlex 7020. Famiglia processore: Intel® Core™ i5, Modello del processore: i5-14500. RAM installata: 16 GB, Tipo di RAM: DDR5-SDRAM. Capacità totale di archiviazione: 512 GB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel UHD Graphics 770. Wi-Fi. Sistema operativo incluso: Windows 11 Pro, Architettura sistema operativo: 64-bit. Alimentazione: 180 W. Tipo di case: SFF. Tipo di prodotto: PC. Colore del prodotto: Nero

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	Intel® Core™ i5 (14th gen)
Processor model *	i5-14500
Processor cores	14
Processor threads	20
Processor boost frequency	5 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	2.6 GHz
Efficient-core base frequency	1.9 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Number of processors installed	1
Number of processors supported	1
Processor base power	65 W
Maximum turbo power	154 W

Memory

Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x DIMM
Memory channels	Single-channel
Memory data transfer rate	4800 MT/s

Ports & interfaces

Number of rear USB ports	4
Number of front USB ports	4
Number of front audio ports	1
Number of SATA III connectors	2

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1

Design

Chassis type *	SFF
Placement supported	Vertical
Water cooling system	✘
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black
Intel® vPro™ Platform Eligibility	✔

Performance

Market positioning	Business
Motherboard chipset	Intel Q670
Audio chip	Realtek ALC3204-CG
Audio system	High Definition Audio
Built-in speaker(s)	✘
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Product type *	PC

Software

Operating system installed *	Windows 11 Pro

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
SSD performance class	35
Compatible memory cards	Not supported
RAID support	✘

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
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

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX210
Antenna type	2x2
Bluetooth	✔

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HDMI ports quantity *	1
HDMI version	1.4b
DisplayPorts quantity	1
DisplayPort version	1.4a
Combo headphone/mic port	✔

Software

Operating system architecture	64-bit
Operating system language	German, Dutch, English, French, Italian
Trial software	Activate Your Microsoft 365 For A 30 Day Trial

Power

Power supply *	180 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz
80 PLUS certification	80 PLUS Bronze

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating vibration	0.26 G
Non-operating vibration	1.37 G
Non-operating shock	105 G

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, EPEAT Silver

Weight & dimensions

Width *	92.6 mm
Depth *	292.8 mm
Height *	290 mm

Packaging content

Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Keyboard included on selected markets	Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black

Carbon footprint

Total carbon footprint (kg of CO2e)	160
Carbon emissions, manufacturing (kg of CO2e)	80
Carbon emissions, logistics (kg of CO2e)	11.36
Carbon emissions, energy usage (kg of CO2e)	64.48
Carbon emissions, end-of-life (kg of CO2e)	4.32
Total carbon emissions, w/o use phase (kg of CO2e)	95.52
PAIA version	GaBi version 1, 2024

Display

Display included *	✘

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