**DELL**

# DELL OptiPlex 7020 Intel® Core™ i5 i5-14500 16 GB DDR5-SDRAM 256 GB SSD Windows 11 Pro SFF PC Black

**Brand :** DELL          **Product family:** OptiPlex          **Product code:** V1FFJ

**Product name :** 7020

- Windows 11 Pro 64-bit
- Intel Core i5-14500 (24MB Cache)
- 16GB DDR5-SDRAM (1 x 16) & 256GB SSD

Intel Core i5-14500 (24MB Cache), 16GB DDR5-SDRAM, 256GB SSD, DVD±RW, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

DELL OptiPlex 7020 Intel® Core™ i5 i5-14500 16 GB DDR5-SDRAM 256 GB SSD Windows 11 Pro SFF PC Black:

**Intelligent desktops for every workstyle**
Find your OptiPlex in just two steps: Select your form factor, then choose the right features for the job. Simplified management: Our new OptiPlex desktops with Intel® Core™ processors (14th gen) feature one BIOS for All-in-Ones and one BIOS across Towers, Small Form Factors and Micro Form Factors.

## 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 |
| Processor base power | 65 W |
| Maximum turbo power | 154 W |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Maximum internal memory * | 128 GB |
| Internal memory type | DDR5-SDRAM |
| Memory layout (slots x size) | 1 x 16 GB |
| Memory slots | 4x DIMM |
| Buffered memory type | Unregistered (unbuffered) |
| Memory data transfer rate | 4400 MT/s |

## Network

| | |
|---|---|
| Wi-Fi * | ✔ |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), 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 |
| USB Type-C DisplayPort Alternate Mode | ✔ |
| HDMI ports quantity * | 1 |
| HDMI version | 1.4b |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4a |
| Ethernet LAN (RJ-45) ports | 1 |
| Combo headphone/mic port | ✔ |
| Number of SATA III connectors | 2 |

## Design

| | |
|---|---|
| Chassis type * | SFF |
| Placement supported | Vertical |
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |

## Storage

| | |
|---|---|
| Total storage capacity * | 256 GB |
| Storage media * | SSD |
| Optical drive type * | DVD±RW |
| Number of storage drives installed | 1 |
| Total SSDs capacity | 256 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 256 GB |
| SSD interface | PCI Express |
| NVMe | ✔ |
| SSD form factor | M.2 |
| SSD performance class | 35 |

## 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 |

## Network

| | |
|---|---|
| Ethernet LAN * | ✔ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Cabling technology | 10/100/1000Base-T(X) |

## Design

| | |
|---|---|
| Product colour * | Black |

## Performance

| | |
|---|---|
| Motherboard chipset | Intel Q670 |
| Audio chip | Realtek ALC3204-CG |
| Trusted Platform Module (TPM) | ✔ |
| Product type * | PC |
| Trusted Platform Module (TPM) version | 2.0 |

## Software

| | |
|---|---|
| Operating system architecture | 64-bit |
| Operating system installed * | Windows 11 Pro |

## 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 |

## Sustainability

| | |
|---|---|
| Sustainability certificates | ENERGY STAR, EPEAT Silver |

## Weight & dimensions

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

## Packaging content

| | |
|---|---|
| Cables included | AC |

## Display

| | |
|---|---|
| Display included * | ✘ |

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