

N005O7020MFFPEMEA

Dell Optiplex 7020 MFF Plus PC, i5-14500 5.0GHz, 16GB RAM, 512GB SSD, Win 11 Pro

Product Overview

Dell Optiplex 7020 MFF Micro Form Factor Plus PC, Intel Core 14th Gen i5-14500 up to 5.0GHz 24MB Cache Fourteen Core (14) Processor with intergrated Intel UHD Graphics 770 (6 performace & 8 efficient cores), 16GB DDR5 Memory, 512GB M.2 PCI-e Solid State Drive, No Optical Drive, Intel Dual Band Wireless AX211+ Bluetooth, Dell KB216 Multimedia USB Keyboard, Dell MS116 Optical Mouse, Windows 11 Pro 64bit, 1x USB 3.2 Gen 2 (10 Gbps) Type-A Port with PowerShare (Front), 1x USB 3.2 Gen 2x2 (20 Gbps) Type-C Port (Front), 1x Universal audio jack (Front), 1 re-tasking line out/Line-In audio Port (Front), 1x RJ45 Ethernet Port, 1x USB 3.2 Type-A Gen 1 (5 Gbps) Port with SmartPower on, 2x USB 3.2 Gen 2 (10 Gbps) Ports, 3x DisplayPort 1.4a Ports, 130W PSU



Product Specification Sheet



Features:

- 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.

With the most versatile mounting options from OptiPlex, the Micro Form Factor offers maximum productivity in an ultra-compact desktop. Flexible "All-in-One" solutions with the Micro All-in-One Stand and custom mounts keep your desk clutter-free without impacting performance. Here are the key differences:

Up to 64GB DDR5 memory means more multitasking capabilities and smoother transitions between applications.

Integrated graphics support for up to 4 simultaneous displays with up to 4K resolution

- One Native DisplayPort 1.4a, it can support: - One display at 4k resolution -or- - Two displays by MST/daisy chain at 2560x1600 resolution -or- - Three displays by MST/daisy chain at 2560x1440 resolution -or- - Four displays by MST/daisy chain at 1920x1080 resolution
- Two Native DisplayPort 1.4a, it can support: - Two displays at 4k resolution -or- - Three displays, one at 4k resolution, two by MST/daisy chain at 2560x1600 resolution -or- - Four displays by MST/daisy chain at 2560x1600 resolution
- Three Native DisplayPort 1.4a, it can support: - Three displays at 4k resolution -or- - Four displays, two at 4k resolution, two by MST/daisy chain at 2560x1600 resolution

Enjoy a modular All-in-One setup with your Micro Form Factor with upgradeable monitor and mounting options.

- Clean-desk solution: Enjoy minimal cables and easy management of device and monitor with support for RAID and up to i9 65W CPUs.

- Compact design: Get maximum productivity with minimal footprint.
- Convenient connection: Easily connect your OptiPlex with the native USB Type-C 3.2 Gen 2x2 (20Gb) on the front panel.
- Improved thermals and acoustics: New thermal options allow you to set the system in quiet mode.
- Take your pick: Choose from six custom mounting options to fit your workspace needs with the most flexible OptiPlex form factor.

Our new OptiPlex desktops with Intel Core processors (14th gen) feature one BIOS for All-in-Ones and one BIOS across

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Towers, Small Form Factors and Micro Form Factors.

Intel Core processors (14th Gen)

Engineered to increase your productivity.

Dell Optimizer Built-in AI

Intuitive, personalized productivity.

Modern management and reliability

OptiPlex invests in reliable product experiences designed with quality-tested, sustainable components built to last and perform.

Protect endpoints, optimize the health & performance across devices, and enhance productivity

- Single BIOS strategy: OptiPlex makes it easier for IT admins to manage numerous devices. OptiPlex offers one BIOS for All-in-Ones, and one BIOS across Towers, Small Form Factors and Micro Form Factors.
- Dell Manageability Solutions: Designed to allow IT admins to deploy drivers, configure BIOS, monitor devices, and manage updates - reliably and easily, all while integrating with existing endpoint management solutions. Dell offers the industry's first Binary Large Object (BLOB) package-based solution, for securely configuring & managing endpoints, using Microsoft Intune.
- Dell Trusted Update Experience: All new offering simplifies the update experience for your fleet of devices. We package the latest BIOS, drivers, and firmware versions for our customers - with Dell-exclusive capabilities.

Thin Client Solution

Pair the OptiPlex Micro Form Factor with Dell Hybrid Client or Windows 10 IoT Enterprise for a personalized thin client solution delivering confident access to your virtual workspaces. All powered by Cloud Client Workspace.

Reduce the Attack Surface of Your Fleet with OptiPlex

OptiPlex is a part of the industry's most secure commercial PC family from Dell, with built-in security features that keep you protected and give you visibility to threats for swift action. OptiPlex customers trust our secure desktop solutions, featuring TPM 2.0, lockable cable covers and mounts, smart authentication options and chassis intrusion switches.

- Be secure from first boot: Rigorous, state-of-the-art supply chain controls and Dell-unique Secured Component Verification reduce the risk of product tampering.
- Stay protected from evolving threats: Only Dell offers off-host BIOS and firmware verification, providing greater security than other PCs. Comprehensive security support further minimizes the risk of attack in-use.
- Early-alert threat detection: Indicators of Attack, an early-alert feature offered only by Dell, scans for behavior-based threats before they can do damage, e.g. BIOS attacks, chassis intrusion.
- Safeguard user credentials: Our unique security chip offers an extra, hardware-based layer of security against credential theft.

Dell Optimizer

Personalized performance that automatically responds to your workstyle, with advanced privacy features and built-in AI that optimizes audio, connectivity, productivity and configurability, all in one software.

Advancing sustainability

Our use of sustainable materials helps reduce the environmental impact of making and recycling them. OptiPlex desktops are made with up to 56.7% recycled material. They are designed to meet the EPEAT Climate+ designation, ENERGY STAR and TCO certifications.

IT made simple

Upgrade your employee experience with our flexible device and lifecycle solutions, available for a predictable monthly price.

- Dell APEX Managed Device Service: Easily scale your new Dell devices with this all-inclusive subscription designed to relieve the burden of day-to-day support and PC management.
- Dell APEX PC-as-a-Service: Modernize your IT department with customizable plans on hardware and lifecycle solutions with no upfront investment, flexible terms, and a predictable monthly payment. [Learn More](#)

Ports & Slots

- Power Button
- Storage Activity Light
- Line-in

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- Universal Audio Jack
- USB 3.2 Type-A Gen 2 with PowerShare
- USB 3.2 Type-C Gen 2x2
- Optional Wireless Antenna
- RJ-45 Ethernet Port
- 2x USB 3.2 Type-A Gen2
- USB 3.2 Type-A Gen 1 with SmartPower On
- Kensington Security Cable Slot and Padlock Ring
- 3x DisplayPort 1.4a
- Power Connector

Dimensions & Weight

- Height: 7.17 in. (182.00 mm)
- Depth: 7.01 in. (178.00 mm)
- Width: 1.42 in. (36.00 mm)
- Starting Weight: 2.41 lb (1.09 kg)

Specifications:

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Specifications	
Product Code	N005O7020MFFPEMEA
Processor	Up to 14th Generation Intel Core i7 processor
Operating System	Windows 11 Pro
Memory	DDR5
Storage	M.2 SSD
Keyboard	Dell Pro Wireless Keyboard and Mouse - KM5221W Black - US English
Ports	Front:
	1 USB 3.2 Gen 2 (10 Gbps) Type-A Port with PowerShare
	1 USB 3.2 Gen 2x2 (20 Gbps) Type-C Port
	1 Universal Audio Jack
	1 Re-tasking Line Out/line-in Audio Port
	Rear:
	1 RJ45 Ethernet Port
	1 Video Port (HDMI 2.1/DisplayPort 1.4a/VGA/USB Type-C with DisplayPort Alt mode) (optional)
	1 PS2/Serial port (optional)
	1 USB 3.2 Type-A Gen 1 (5 Gbps) port with SmartPower On
	2 USB 3.2 Gen 2 (10 Gbps) Ports
	3 DisplayPort 1.4a ports
	1 Power Adapter Port

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Slots	1 M.2 2230 slot for Wi-Fi and Bluetooth combo card
	2 M.2 2230/2280 slots for solid-state drives
Dimensions & Weight	Height: 7.17 in. (182.00 mm)
	Width: 1.42 in. (36.00 mm)
	Depth: 7.01 in. (178.00 mm)
	Weight (minimum): 2.38 lb (1.09 kg)
	Weight (maximum): 2.89 lb (1.34 kg)
Wireless	Intel Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth wireless card, internal antenna
Power	130 W AC adapter, 7.4 mm barrel
	180 W AC adapter, 7.4 mm barrel

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/N005O7020MFFPEMEA-Dell-Optiplex-7020-MFF-Plus-PC-i5-Buy-p-318428.php>

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