

N111O7020MFFEMEA_N2_VP

Dell Optiplex 7020 MFF PC, i5-12500T 4.4GHz, 16GB RAM, 512GB SSD, Intel Graphics, Win 11 Pro

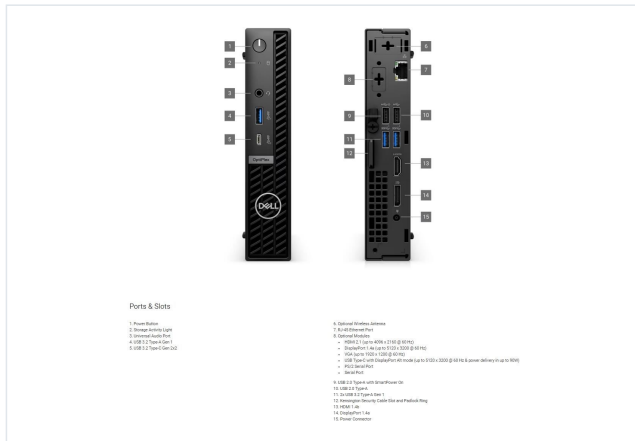
Product Overview

Dell Optiplex 7020 MFF PC, Intel Core 12th gen i5-12500T up to 4.4GHz 18MB Cache Hex (6x) Core Processor with intergrated Intel UHD Graphics 770 (6 Performace cores), 16GB DDR5 Memory, 512GB M.2 PCI-e Solid State Drive, Wi-Fi 6E, Bluetooth, Dell Multimedia Keyboard & Mouse, Windows 11 Pro 64bit, 1x USB 3.2 Gen 1 (5 Gbps) Type-A Port with PowerShare (Front), 1x USB 3.2 Gen 2x2 (10 Gbps) Type-C Port (Front), 1x Universal audio jack (Front), 1x RJ-45 Ethernet Port, 1x USB 2.0 Type-A Port (480 Mbps), 1x USB 2.0 Type-A Port (480 Mbps) with SmartPower on, 2x USB 3.2 Type-A Gen 1 (5 Gbps) Ports, 1x DisplayPort 1.4a Port, 1x HDMI 1.4b Port



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Product Specification Sheet



Specifications

Features:

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 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.

Which OptiPlex configuration is right for you?

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:

High-speed productivity

Up to 64GB DDR5 memory Plus configuration is up to 64GB. Standard configuration is up to 32GB means more multitasking capabilities and smoother transitions between applications. Improved thermals and acoustics keep your system cool and allow you to set the system in quiet mode while you work.

Supports 4 displays

iGFX 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 Please visit Dell.com/Support and search for technical support resources for your OptiPlex (Generation ID:7020), and Dell Displays and Peripherals (by product model number) for more details on setup and troubleshooting.

All-in-One Experience

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

Look sleek, save space

- Clean-desk solution: Enjoy minimal cables and easy management of device and monitor with our optional Single Cable Type-C Power Delivery (PD) solution.
- Compact design: Get maximum productivity with minimal footprint.
- Convenient connection: Easily connect your OptiPlex with the native USB Type-C 3.2 Gen 2 (10Gb) on the front panel.
- Take your pick: Choose from six custom mounting options to fit your workspace needs with the most flexible OptiPlex form

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factor. Pair with our variety of power delivery 90W capable Dell HUB displays.

One BIOS

Our 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.

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.

Modern device management

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.

Dell Trusted Devices

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.

Accelerate business success with Copilot and Windows 11 Pro

Industry-leading AI. Powerful cybersecurity. Designed for business.

AI-powered multi-tasking mastery for a new way of working with Windows 11 Pro. With features like Copilot in Windows

Timing of feature delivery and availability varies by market and device. Use Copilot with a Microsoft Account or use Copilot with commercial data protection at no additional cost by signing into a work or school account (Microsoft Entra ID) with Microsoft 365 E3, E5, F3, A3 or A5 for faculty, Business Premium, and Business Standard. Coming to more Entra ID users

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over time get better answers, grow your skills, and effortlessly optimize workflows. Windows 11 Pro on Dell PCs come with the latest advances in security and AI delivered conveniently to your desktop. Benefit from AI-enhanced efficiency, performance, and security today, and innovate to take on new challenges tomorrow.

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
- Universal Audio Port
- USB 3.2 Type-A Gen 1
- USB 3.2 Type-C Gen 2x2
- Optional Wireless Antenna
- RJ-45 Ethernet Port
- USB 2.0 Type-A with SmartPower On
- USB 2.0 Type-A
- 2x USB 3.2 Type-A Gen 1
- Kensington Security Cable Slot and Padlock Ring
- HDMI 1.4b
- DisplayPort 1.4a
- Power Connector

Dimensions & Weight

- Height: 7.17 in. (182 mm)
- Depth: 7.01 in. (178 mm)
- Width: 1.42 in. (36 mm)
- Weight (minimum): 2.41 lb (1.09 kg)
- Weight (maximum): 2.95 lb (1.34 kg)

Specifications:

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Specifications	
Product Code	N111O7020MFFEMEA_N2_VP
Processor	Up to 14th Generation Intel Core i7 processor
Operating System	Windows 11 Pro
Memory	DDR5
Storage	M.2 SSD
Keyboard	Dell Multimedia Wired Keyboard - KB216 Black - US English

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Ports	Front:
	1 USB 3.2 Gen 1 (5 Gbps) Type-A Port with PowerShare
	1 USB 3.2 Gen 2x2 (10 Gbps) Type-C Port
	1 Universal Audio Jack
	Rear:
	1 RJ-45 Ethernet Port
	1 Video Port (HDMI 2.1/DisplayPort 1.4a/VGA/USB Type-C with DisplayPort Alt mode + power delivery in) (optional)
	1 PS2/Serial Port (optional)
	1 USB 2.0 Type-A Port (480 Mbps)
	1 USB 2.0 Type-A Port (480 Mbps) with SmartPower On
	2 USB 3.2 Type-A Gen 1 (5 Gbps) Ports
	1 DisplayPort 1.4a Port
	1 HDMI 1.4b Port
	1 Power Adapter Port
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): 2.41 lb (1.094 kg)
	Weight (maximum): 2.95 lb (1.34 kg)
Wireless	
Wireless	Intel Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth wireless card, internal antenna
Power	65 W AC adapter, 7.4 mm barrel
	90 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/N111O7020MFFEMEA_N2_VP-Dell-Optiplex-7020-MFF-PC-i5-Buy-p-322319.php

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For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.