

Technical Specification

Product: Dell OptiPlex 7020 MFF

Chassis type: Micro Form Factor

Product type: Desktop PC

Processor family: 12th Generation Intel Core i5

Processor model: i5-12500T

Processor frequency: 2.00 / 4.40 GHz (18MB Cache, 6 Cores)

Internal memory: 16 GB 4800 MHz (1 × 16 GB)

Internal memory type: DDR5-SDRAM

Total storage capacity: 512 GB M.2 PCIe NVMe

Storage media: SSD

On-board graphics card model: Intel UHD Graphics

Operating system installed: Windows 11 Pro

Connectivity: Wi-Fi 6 + Bluetooth 5.2

Power supply: 65W

Product colour: Black

Warranty: 3-year ProSupport

Ports & Slots

- Power Button
- Storage Activity Light
- Universal Audio Port
- USB 3.2 Type-A Gen 1
- USB 3.2 Type-C Gen 2×2
- 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

Features & Design

Intelligence meets simplicity

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 feature one BIOS for All-in-Ones and one BIOS across Towers, Small Form Factors and Micro Form Factors.



Micro Form Factor

Features up to Intel Core i7 processors, one native HDMI and one native DisplayPort, two M.2 SSD slots, one of which supports Gen 4 speeds, and a single cable power solution through an optional rear USB-Type C with power-delivery

Ultra compact with unbelievable power



High-speed productivity

Up to 64GB DDR5 memory 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.



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

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.

Dell Trusted Devices

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.