

N120O7020SFFEMEA

Dell Optiplex 7020 SFF, i7-12700 4.9GHz, 16GB RAM, 512GB SSD, Intel HD Graphics, Win 11 Pro

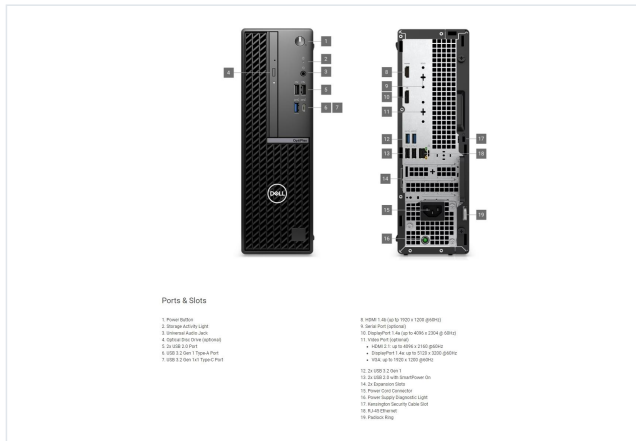
Product Overview

Dell Optiplex 7020 SFF PC, Intel Core 12th gen i7-12700 up to 4.9GHz 25MB Cache Twelve (12x) Core Processor with integrated Intel UHD Graphics 770 (6 Performance & 4 Efficient cores), 16GB DDR5 Memory, 512GB M.2 PCI-e Solid State Drive PCI-e, No Optical Drive, Dell Keyboard & optical Mouse, Windows 11 Pro, 2x USB 2.0 (480 Mbps) Ports (Front), 1x USB 3.2 Gen 1x1 (5 Gbps) Type-C Port (Front), 1x USB 3.2 Gen 1 (5 Gbps) Type-A Port (Front), 1x Universal audio jack (Front), 2x USB 2.0 (480 Mbps) Ports with SmartPower on, 2x USB 3.2 Gen 1 (5 Gbps) Ports, 1x DisplayPort 1.4a Port, 1x HDMI 1.4b Port, 1x RJ-45 Ethernet Port 10/100/1000 Mbps



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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 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.

Which OptiPlex configuration is right for you?

Designed for flexible performance options in the slimmest footprint possible, the OptiPlex Small Form Factor provides a clean desk solution while being highly expandable with no compromise on port options. Here are the key differences:

Small Form Factor

Features up to Intel Core i5 processors, one native HDMI, one M.2 SSD slot and a USB-C 3.2 Gen 1x1 (5 Gbps) port.

Small Form Factor Plus

Features up to Intel Core i9 processors, three native DisplayPorts, three M.2 SSD slots and a USB-C 3.2 Gen 2x2 (20 Gbps) port.

High-speed productivity

Up to 128GB of next gen DDR5 memory means more multitasking capabilities and smoother transitions between applications.

Supports 4 displays

iGFX support for up to 4 simultaneous displays with up to 4K resolution.

Support for (4) displays is enabled by daisy-chaining via DisplayPort 1.4a. Maximum display resolution and refresh rates are contingent on selected video port specifications and may be limited by each additional display connected by daisy-chain.

AMD discrete graphics

Enjoy a smooth viewing experience, free of refresh interruptions.

Look sleek, save space

- Compact design: Get maximum productivity with a minimal footprint.
- Improved thermals and acoustics: New thermal options allow you to set the system in quiet mode.
- Convenient connection: Easily connect your peripherals to your OptiPlex with the native USB Type-C.

One BIOS

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.

Intel Core processors (14th Gen)

Engineered to increase your productivity.

Dell Optimizer Built-in AI

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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.

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 plastic, including ITE-derived closed loop plastic and select OptiPlex desktops will ship with 50% recycled steel, starting March 2024. Select OptiPlex desktops are certified ENERGY STAR 8.0, carry TCO Generation 9 certifications, and are EPEAT Gold registered with Climate+ designations. With Climate+, these desktops have met the industry's best practices for decarbonisation.

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 Jack
- Optical Disc Drive (optional)
- 2x USB 2.0 Port
- USB 3.2 Gen 1 Type-A Port
- USB 3.2 Gen 1x1 Type-C Port
- HDMI 1.4b (up to 1920 x 1200 @60Hz)

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- Serial Port (optional)
- DisplayPort 1.4a (up to 4096 x 2304 @ 60Hz)
- Video Port (optional)
- HDMI 2.1: up to 4096 x 2160 @60Hz
- DisplayPort 1.4a: up to 5120 x 3200 @60Hz
- VGA: up to 1920 x 1200 @60Hz
- . 2x USB 3.2 Gen 1
- 2x USB 2.0 with SmartPower On
- 2x Expansion Slots
- Power Cord Connector
- Power Supply Diagnostic Light
- Kensington Security Cable Slot
- RJ-45 Ethernet
- Padlock Ring

Dimensions & Weight

- Height: 11.42 in.(290.00 mm)
- Depth: 11.53 in. (292.80 mm)
- Width: 3.65 in. (92.60 mm)
- Weight (min): 8.99 lb (4.08 kg)
- Weight (max): 11.86 lb (5.38 kg)

Specifications:

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Specifications	
Product Code	N120O7020SFFEMEA
Processor	Up to 14th Generation Intel Core i7 processor
Operating System	Windows 11 Home / Pro
Graphics Card	Intel Integrated Graphics
Memory	DDR5
Storage	M.2 SSD
Keyboard	Dell Multimedia Wired Keyboard - KB216 Black - US English

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Ports	Front:
	2 USB 2.0 (480 Mbps) Ports
	1 USB 3.2 Gen 1x1 (5 Gbps) Type-C Port
	1 USB 3.2 Gen 1 (5 Gbps) Type-A Port
	1 Universal Audio Jack
	Rear:
	2 USB 2.0 (480 Mbps) Ports with SmartPower On
	2 USB 3.2 Gen 1 (5 Gbps) Ports
	1 DisplayPort 1.4a Port
	1 HDMI 1.4b Port
	1 RJ-45 Ethernet Port 10/100/1000 Mbps
	1 Serial Port (optional)
	1 Video Port (HDMI 2.1/DisplayPort 1.4a/VGA) (optional)
Optical Drive	No Optical Drive
Slots	1 Half-height Gen3 PCIe x16 slot
	1 Half-height Gen3 PCIe x1 slot
	1 SATA 2.0 slot for slim optical drive
	1 SATA 3.0 slot for hard drive
	1 M.2 2230 slot for WiFi and Bluetooth combo card
	1 M.2 2230/2280 slot for solid-state drive
Dimensions & Weight	Height: 11.42 in. (290.00 mm)
	Depth: 11.53 in. (292.80 mm)
	Width: 3.65 in. (92.60 mm)
	Weight (min): 8.99 lb (4.08 kg)
	Weight (max): 11.86 lb (5.38 kg)
Wireless	No Wireless LAN Card
Power	180W 80 PLUS Bronze internal power supply unit
	300W 80 PLUS Platinum internal power supply unit

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/N120O7020SFFEMEA-Dell-Optiplex-7020-SFF-i7-12700-4-Buy-p-310916.php>

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