

DTDEN212O7090SFF

Dell Optiplex 7090 SFF PC, i5-10505 3.2GHz, 16GB RAM, 512GB SSD, Intel HD graphics, Win 10 Pro

Product Overview

Dell Optiplex 7090 SFF Small Form Factor PC, Intel Core i5-10505 3.2GHz up to 4.6GHz 12MB Cache Six Core Processor with integrated Intel UHD Graphics 630, 16GB DDR4-2666 Memory (2x8GB), 512GB M.2 2280 NVMe SSD Solid State Drive, DVD writer Optical Drive, USB Keyboard & Mouse, Windows 10 Pro 64bit, 1x USB 2.0 Ports with PowerShare (Front), 1x USB 2.0 Ports (Front), 1x USB 3.2 Gen 2 Port (Front), 1x USB 3.2 Gen 2 Type-C Port (Front), 1x Universal audio Port (Front), 3x USB 3.2 Gen 1 Port, 1x USB 3.2 Gen 2 Port, 2x USB 2.0 Port with SmartPower on, 2x PS/2 Port, 1x Serial Port, 2x DisplayPort 1.4 Ports, 1x RJ45 Ethernet Port



Ports & Slots – Small Form Factor

1. Power Button | 2. DVD-RW (Optional) | 3. 2 USB 2.0 Ports (1 with PowerShare) | 4. USB 3.2 Gen 2 Type-A Port | 5. SD Slot (Optional) | 6. Universal Audio Jack | 7. USB 3.2 Gen 2x2 Type-C port (with Intel 11th gen CPU) / USB 3.2 Gen 2 Type-C port (with Intel 10th gen CPU) | 8. Line-in/Out | 9. DisplayPort 1.4 | 10. DisplayPort 1.4 | 11. Serial Port | 12. 1 USB 3.2 Gen 2 Type-A and 3 USB 3.2 Gen 1 Type-A Ports | 13. 2 USB 2.0 Ports with Power On | 14. Expansion Card Slots (Optional) | 15. Side Panel Release Latch | 16. Optional Port: VGA Port/DisplayPort 1.4 Port/HDMI 2.0 Port/USB 3.2 Gen 2 Type-C with DisplayPort Alt-mode | 17. PS/2 Keyboard | 18. PS/2 Mouse | 19. Kensington lock slot | 20. RJ-45 | 21. Optional Antenna | 22. Power Connection | 23. Padlock Loop | 24. Power

Specifications

Overview:

OptiPlex 7090 Tower and Small Form Factor - Premium intelligent desktops

Intelligent business tower and small form factor desktops that deliver ultimate expandability and performance. Featuring the latest 10th Gen Intel processors.

Features:

Operating System

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- Available with Windows 10 Pro- for a smooth, versatile PC experience.
- Windows 11 isnt here yet- but will be coming later this year. Free upgrade to Windows 11 when available.

Intelligence you can rely on

OptiPlex has over 28 years of experience delivering customer-led innovation for desktops by continuously creating faster and smarter experiences. Featuring versatile, space-saving form factors with customized deployment options and up to 11th Gen Intel processors.

- ExpressResponse: With Intel Adaptix Technology, prioritize your most important apps, so they open faster and perform better.
- Intelligent Audio:Collaborate like youre in the same room. Intelligent Audio enhances your audio quality and reduces background noises, so you can hear and be heard, creating a better conference experience for all.
- ExpressConnect:New ExpressConnect automatically joins the strongest access point and directs bandwidth to critical applications, wherever you work.

Work smart

- Flexible configuration:Embrace new productivity features at the same affordable price youve come to expect. With multiple form factors, youll find a desktop that works perfectly within your workspace.
- Stay Cool:Utilizing the shift venting pattern, the 7090 maximizes air intake to keep your systems temperature down.

Uncompromising productivity

- Power through your work:Built with up to 10th Generation Intel i9 processors with 125W CPU and up to 128GB 3200MHz DDR4 RAM supports for uncompromising performance. Optional Intel vPro processors offer businesses the performance, manageability, built-in security features, and stability of an Intel platform and align to a future-proof roadmap.
- Next-Gen graphics:Designed to support high-end, ready for VR, 225W-class graphics cards including NVIDIA GeForce RTX 3070, the 7090 towers can tackle graphic-intensive workloads without breaking a sweat.
- High speed access:Dual M.2 SSD options, or SuperSpeed+ USB Ports with USB 3.2 Gen 2x2 capable port options, high speed data access and two times faster transfer speeds.

Ports & Slots - Small Form Factor

- Power Button
- DVD-RW (Optional)
- 2 USB 2.0 Ports (1 with PowerShare)
- USB 3.2 Gen 2 Type-A Port
- SD Slot (Optional)
- Universal Audio Jack
- USB 3.2 Gen 2x2 Type-C port (with Intel 11th gen CPU) / USB 3.2 Gen 2 Type-C port (with Intel 10th gen CPU)
- Line-In/Out
- DisplayPort 1.4
- DisplayPort 1.4
- Serial Port
- 1 USB 3.2 Gen 2 Type-A and 3 USB 3.2 Gen 1 Type-A Ports
- 2 USB 2.0 Ports with Power On
- Expansion Card Slots (Optional)
- Side Panel Release Latch
- Optional Port: VGA Port/DisplayPort 1.4 Port/HDMI 2.0 Port/USB 3.2 Gen 2 Type-C with DisplayPort Alt-mode
- PS/2 Keyboard
- PS/2 Mouse
- Kensington lock slot
- RJ-45

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- Optional Antenna
- Power Connection
- Padlock Loop
- Power

Ports & Slots - Tower

- Expansion Bay
- DVD-RW (Optional)
- Power Button
- SD Slot (Optional)
- Universal Audio Jack
- 2 USB 2.0 Ports (1 with PowerShare)
- USB 3.2 Gen 2 Type-A Port
- USB 3.2 Gen 2x2 Type-C capable port (with Intel 11th gen CPU) / USB 3.2 Gen 2 Type-C port (with Intel 10th gen CPU)
- Audio Line-in/Out
- 2 DisplayPort 1.4
- Serial Port
- 2 DisplayPort 1.4
- 1 USB 3.2 Gen 2 Type-A Port and 3 USB 3.2 Gen 1 Type-A Ports
- 2 USB 2.0 Ports with Smart Power On
- Expansion Card Slots (Optional)
- Side Panel Release Latch
- Optional: VGA Port/HDMI 2.0/DisplayPort++1.4/USB 3.2 Gen 2 Type-C with DisplayPort Alt-mode
- Padlock Loop
- PS/2 Keyboard
- PS/2 Mouse
- RJ-45
- Kensington Lock Slot
- Power Connection
- Antenna (Optional)
- Power Diagnostics Light

Dimensions & Weight -Small Form Factor

- Width: 3.65" (92.60 mm)
- Depth: 11.53" (292.80 mm)
- Height: 11.42" (290 mm)
- Starting Weight: 9.84 lb (4.46 kg)
- Max Weight: 12.61 lb (5.72 kg)

Dimensions & Weight -Tower

- Width: 6.65" (169 mm)
- Depth: 11.84" (300.80 mm)
- Height: 14.45" (367 mm)
- Starting Weight: 14.46 lb (6.56 kg)
- Maximum Weight: 22.53 lb (10.22 kg)

Specifications:

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Product Specification Sheet

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Specifications

Product Code	DTDEN212O7090SFF
Processor	11th Generation Intel Processor
Operating System	Windows 10 Pro English, French, Spanish
Graphics Card	Intel Integrated Graphics
Memory	DDR4 non ECC memory
Hard Drive	M.2 PCIe NVMe Class 35 Solid State Drive
Keyboard	Dell Pro Wireless Keyboard and Mouse - KM5221W - English
Mouse	Mouse included with Keyboard
Ports	Tower
	Front:
	1 USB 2.0 port with PowerShare
	1 USB 3.2 Gen 2 port
	1 USB 3.2 Gen 2x2 Type-C capable port (with Intel 11th gen CPU) / USB 3.2 Gen 2 Type-C port (with Intel 10th gen CPU)
	1 USB 2.0 port
	1 Universal Audio Jack
	Rear:
	1 USB 3.2 Gen 2 port
	2 USB 2.0 ports with Smart Power On
	3 USB 3.2 Gen 1 ports
	1 USB 3.2 Gen 2 Type-C Alt-Mode (optional)
	1 RJ45 Ethernet port
	1 Re-tasking Line out/Line in audio port
	2 DisplayPort 1.4 ports
	1 VGA Port/DisplayPort 1.4 Port/HDMI 2.0b Port/ USB 3.2 Gen2 Type-C Port with Alt-mode (optional)
	1 Serial
	2 PS/2 ports
	Small Form Factor
	Front:
	1 USB 2.0 ports with PowerShare
	1 USB 2.0 ports
	1 USB 3.2 Gen 2 port
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	1 USB 3.2 Gen 2x2 Type-C port (with Intel 11th gen CPU) / USB 3.2 Gen 2 Type-C port (with Intel 10th gen CPU)
	1 universal audio port
	Rear:
	3 USB 3.2 Gen 1 port
	1 USB 3.2 Gen 2 port
	2 USB 2.0 port with SmartPower On
	2 PS/2 port
	1 Serial port
	2 DisplayPort 1.4 ports
	1 Re-tasking Line-out/Line-in audio port
	1 RJ45 Ethernet port
	Optional Modules:
	1 VGA port
	1 HDMI 2.0b port
	1 DisplayPort 1.4 port
	1 USB 3.2 Gen 2 type-C port with DisplayPort Alt Mode/Power delivery
Optical Drive	8x DVD+/-RW 9.5mm ODD
Slots	Tower
	1 SD-card slot (optional)
	1 full-height Gen 4 PCIe x16 slot
	1 full-height PCIe x16 (wired x4) slot
	1 full-height PCI-32 slot
	1 full-height PCIe x1 slot
	1 M.2 2230 slot for Wi-Fi and Bluetooth card
	1 M.2 2230/2280 slot for SSD/Intel Optane
	1 M.2 2280 slot for SSD/Intel Optane
	4 SATA slots for 2.5-inch HDD/SSD, and slim Optical Drive
	Small Form Factor
	1 half-height Gen 4 PCIe x16 slot
	1 half-height Gen 3 PCIe x4 slot
	1 M.2 2230 slot for WiFi and Bluetooth card
	1 M.2 2230/2280 slot for solid-state drive/Intel Optane
	1 M.2 2280 slot for solid-state drive/Intel Optane
	3 SATA 3.0 slot for 3.5/2.5-inch hard drive, slim optical drive
	1 SD 4.0 card slot

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Dimensions & Weight	Tower
	Height: 14.45" (367.00 mm)
	Width: 6.65" (169.00 mm)
	Depth: 11.84" (300.80 mm)
	Starting Weight 14.46 lb (6.56 kg)Maximum Weight: 22.53 lb (10.22 kg)
	Small Form Factor
	Height: 11.42" (290 mm)
	Width: 3.65" (92.60 mm)
	Depth: 11.53" (292.80 mm)
	Starting Weight 9.84 lb (4.46 kg)Maximum Weight: 12.61 lb (5.72 kg)
Wireless	No Wireless LAN Card (no WiFi enablement)
Power	Tower
	260 W typical 85% Efficient PSU, 80 Plus Bronze
	300 W typical 92% Efficient PSU, 80 Plus Platinum
	360 W typical 92% Efficient PSU, 80 Plus Platinum
	500 W typical 92% Efficient PSU, 80 Plus Platinum
	Small Form Factor
	300 W typical 92% Efficient PSU, 80 Plus Platinum
	200 W typical 92% Efficient PSU, 80 Plus Bronze
Regulatory	ENERGY STAR qualified configurations available
	EPEAT Registered configurations available
	TCO 8.0 certified configurations available
	CEL
	WEEE
	Japan Energy Law
	South Korea E-standby
	EU RoHS
	China RoHS

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/DTDEN212O7090SFF-Dell-Optiplex-7090-SFF-PC-i5-10505-Buy-p-261424.php>

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