

State of Michigan Desktop Comparison Guide

As of 11/02/2021

For the purpose of this document, we define a **desktop** as a personal **computer** in a form intended for regular use at a single location desk/table due to its size and power requirements. There is currently one desktop model available. **NOTE:** Numbers listed in this document (DXX) are SIGMA numbers.

Included model(s):



Dell OptiPlex 7780 AIO



Dell Precision3650 Tower



Dell OptiPlex 7090 SFF



Dell OptiPlex 7090 MFF

Dell OptiPlex 7780 AIO (D129) \$1265.00

This All-In-One desktop articulating stand includes a 27" 1920x1080 IPS Touch with OptiPlex. It also includes a wireless keyboard and mouse. This device comes with a 4-year warranty and keep your own hard drive.

Technical Specifications

- Intel® Core™ i7-10700 processor (8 Core)
- 27" FHD 1920x1080 IPS Touch Anti-Glare screen
- IR Camera
- 16 GB 1x16GB DDR4 non-ECC RAM (memory)
- 512 GB SSD
- 1x HDMI Out port
- 1x HDMI In port
- 1x D.P++1.4/HDCP 2.3 port
- 1x RJ-45 port
- 2x USB 3.2 Gen 2 Type-A ports with SmartPower On
- 2x USB 3.2 Gen 2 Type-A ports
- 1x SD 4.0 card slot
- 1x USB 3.2 Gen 2 Type-C port
- 1x USB 3.2 Gen 1 Type-A port with PowerShare
- 1x Universal audio jack
- Dimensions: 15.31h" X 2.28d" x 24.17w"
- Weight: 19.24 lbs



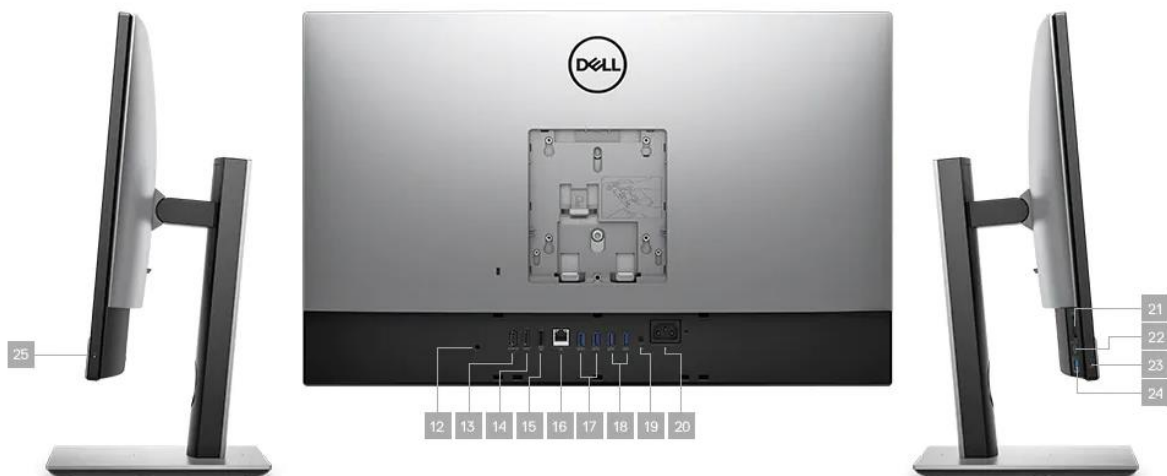
*****See additional information on the next page – Dell OptiPlex 7780 AIO - Ports and Slots

Continued – Dell OptiPlex 7780 AIO (D113) -Ports and Slots



Ports & Slots

Front
 1. Full HD webcam | 2. Camera status indicator | 3. FHD infrared (IR) camera | 4. FHD camera | 5. Infrared emitters | 6. Camera status indicator | 7. Display | 8. Speakers | 9. Power button | 10. Power status indicator | 11. Array microphones



Ports & Slots

Back
 12. Cable cover screw hole | 13. HDMI Out port | 14. HDMI In port | 15. DP++ 1.4/HDCP 2.3 port | 16. RJ-45 port 10/100/1000 Mbps | 17. 2 USB 3.2 Gen 2 Type-A ports with Smart Power On | 18. 2 USB 3.2 Gen 2 Type-A ports | 19. Line-out audio port | 20. Power connector

Side (left)
 21. SD 4.0 card slot | 22. USB 3.2 Gen 2 Type-C port | 23. Universal audio jack | 24. USB 3.2 Gen 1 Type-A port with PowerShare

Side (right)
 25. Hard drive status indicator

Dell OptiPlex 7090 SFF w/24" monitor (D132) \$1053.00

Dell OptiPlex 7090 SFF no monitor (D124) \$829.00

Technical Specifications

- 10th Gen Intel® Core™ i5-10500 processor (6 Core)
- 16 Gigabyte DDR4 non-ECC RAM (memory)
- 512 GB SSD
- 1x Line-In/Out
- 2x DisplayPort 1.4
- 1x Serial Port
- 1x RJ45
- 1x USB 3.2 Gen 2 Type-A ports
- 3x USB 3.2 Gen 1 Type-A ports
- 2x USB 2.0 ports with Power On
- 1x USB 3.2 Gen 2 Type-A port
- 1x USB 2.0 ports (1 with PowerShare)
- 1x USB 3.2 Gen 2x2 Type-C port (w/Intel gen CPU)/USB 3.2 Gen 2 Type-C port (w/Intel 10th Gen CPU)
- 1x Universal audio jack
- Wired keyboard
- Optical mouse
- Dimensions: 11.42" h X 3.65" w x 11.53" d
- Weight: 9.84 lbs starting weight



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

Dell OptiPlex 7090 MFF w/24" monitor (D133) \$1003.00

Dell OptiPlex 7090 MFF no monitor (D125) \$779.00

Technical Specifications

- 10th Gen Intel® Core™ i5-10500T processor (6 Core)
- 16 Gigabyte DDR4 non-ECC RAM (memory)
- 512 GB SSD
- 1x Line-In/Out
- 2x DisplayPort 1.4
- 1x K-Lock Slot
- 1x RJ45
- 1x USB 3.2 Gen 2x2 Type-C capable port
- 2x USB 3.2 Gen 1 Type-A ports (with Smart Power On)
- 2x USB 3.2 Gen 2 Type-A ports
- 1x USB 3.2 Gen 2 Type-A port (with PowerShare)
- 1x Universal audio jack
- Internal wireless antennas
- Optical mouse
- Wired keyboard
- Dimensions: 7.0" h X 1.4" w X 7.2" d
- Weight: 2.87 lbs starting weight



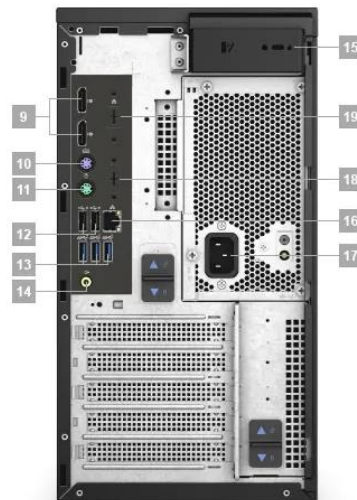
Ports & Slots

1. Power Button | 2. Universal Audio Jack | 3. Line-In/Out | 4. USB 3.2 Gen2x2 Type-C capable Port | 5. USB 3.2 Gen2 Type-A Port (with PowerShare) | 6. Wireless Antenna Slots | 7. Optional Serial/PS/2 Ports/DP1.4/HDMI2.0/VGA/USB 3.2 Gen2 Type-C with DP Alt-mode | 8. RJ-45 | 9. 2 USB 3.2 Gen1 Type-A Ports (with Smart Power On) | 10. 2 USB 3.2 Gen2 Type-A Ports | 11. Cable Clip | 12. Thumbscrew | 13. K-Lock Slot | 14. 2 DisplayPort 1.4 | 15. Power Connection (DC-in)

Dell Precision 3650 Tower – no monitor (D128) \$1445.00

Technical Specifications

- 11th Gen Intel® Core™ i7-11700 processor (8 Core)
- 32 GB (2x16GB) DDR4 UDIMM non-ECC Memory
- 512 GB SSD
- 1TB 7200rpm SARA 2.5 HDD
- 8x DVDRW Optical Drive
- Nvidia Quadro P1000
- Wired keyboard
- Optical Mouse
- 3.5mm headphone jack with audio and microphone
- 1x USB 3.2 Type-A Gen2 (10Gbps)
- 1x USB 3.2 Type-A (10Gbps, with PowerShare)
- 1x USB 3.2 Type-C Gen 2x2 (20Gbps)
- 1x USB 3.2 Type-A Gen 1 (5Gbps)
- 2x USB 2.0 Type-A (with SmartPower)
- 2x on left USB 3.2 Type-A Gen1 (5Gbps)
- 1x on right USB 3.2 Type-A Gen2 (10Gbps)
- 1x RJ45
- 1x Ethernet Network
- 1x 3.5mm headphone jack with audio out
- 2x DisplayPort 1.4
- Optical Drive
- SD Card Reader
- KYHD Coverage
- Dimensions: 13.18”h X 6.95”w x 13.6”d
- Weight: 18.739lbs



Ports & Slots

1. Power Button | 2. 3.5mm headphone jack with audio and microphone | 3. USB 3.2 Type-A Gen2 (10Gbps) | 4. USB 3.2 Type-A Gen2 (10Gbps, with PowerShare) | 5. Optical Drive | 6. SD Card Reader | 7. USB 3.2 Type-C® Gen2x2 (20Gbps) | 8. USB 3.2 Type-A Gen1 (5Gbps) | 9. 2 x DisplayPort 1.4 | 10. PS2 Keyboard | 11. PS2 Mouse | 12. 2x USB 2.0 Type-A (with SmartPower) | 13. 2x on left USB 3.2 Type-A Gen1 (5Gbps); 1 x on right USB 3.2 Type-A Gen2 (10Gbps) | 14. 3.5mm headphone jack with audio out | 15. Lock slot | 16. RJ45 1G Ethernet Network | 17. Power Connection | 18. Optional Port (VGA, HDMI 2.0, DP++ 1.4a, Type C w/DP-Alt mode) | 19. Optional 2nd RJ45 2.5G Ethernet Network Connection

*Ports are dependent on chassis selection

DESKTOP COMPARISON CHART

DELL	Dell OptiPlex 7780 AIO	Dell OptiPlex 7090 SFF with or without monitor	Dell OptiPlex MFF with or without monitor	Dell Precision Tower 3640
SIGMA Number	D129	D132/D124	D133/D125	D128
Processor	i7	i5	i5	i7
Storage	512 GB SSD	512 GB SSD	512 GB SSD	512 GB SSD
Memory	16 GB DDR4	16 GB DDR4	16GB DDR4	32GB DDR4
USB Ports	6	9	6	9
Display Ports	3	2	2	2
Keyboard/Mouse	Yes	Yes	Yes	Yes
Optical Drive	No	No	No	Yes