

State of Michigan Desktop Comparison Guide

As of
08/27/2024

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 are currently five (5) desktop models available. **NOTE:** Numbers listed in this document (DXX) are SIGMA numbers.

Included model(s):



Dell OptiPlex 7020 SFF



Dell OptiPlex 7020 MFF



Dell Precision 5860 Tower



Dell OptiPlex All-in-One Plus 7420

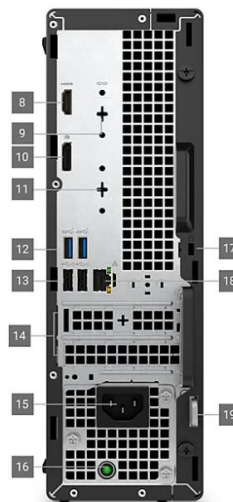
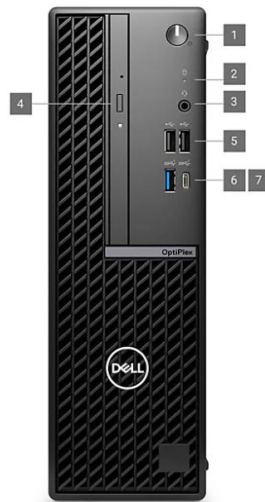


Dell Precision 3280 Compact

Dell OptiPlex 7020 SFF (D147) \$820.00

Technical Specifications

- Intel® Core™ i5-14500 vPro processor
- 16GB (memory)
- 512GB SSD
- Optical Mouse
- Wired Keyboard
- 1 x USB 3.2 Gen 1x1 Type-C port
- 1 x USB 3.2 Gen 1 Type-A port
- 2 x USB 2.0 ports
- 2 x USB 3.2 Gen 1
- 2 x USB 2.0 with SmartPower On
- 2 x Expansion Slots
- 1 x Universal Audio Jack
- 1 x HDMI 1.4b, up to 1920 x 1200 @ 60Hz
- 1 x DisplayPort 1.4a (up to 4096 x 2034 @ 60Hz)
- 1 x RJ-45
- 1 x Security-cable slot
- 1 x Padlock ring
- 4-year on-site warranty, keep your hard drive coverage
- Dimensions: 11.42”h X 3.65”w x 11.53”d
- Weight: 8.99lbs starting weight



Ports & Slots

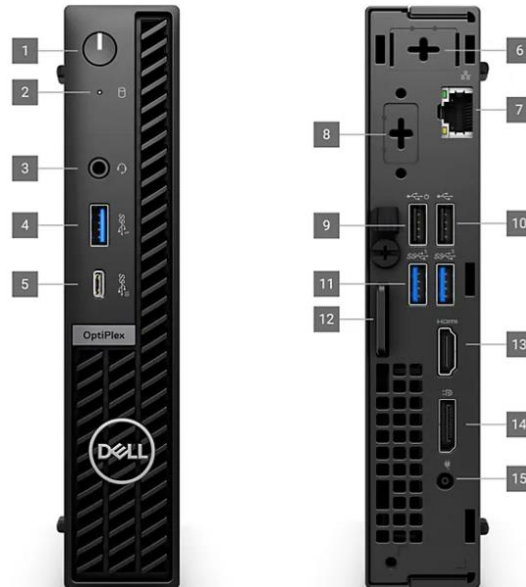
1. Power Button
2. Storage Activity Light
3. Universal Audio Jack
4. Optical Disc Drive (optional)
5. 2x USB 2.0 Port
6. USB 3.2 Gen 1 Type-A Port
7. USB 3.2 Gen 1x1 Type-C Port

8. HDMI 1.4b (up to 1920 x 1200 @60Hz)
9. Serial Port (optional)
10. DisplayPort 1.4a (up to 4096 x 2304 @ 60Hz)
11. 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
12. 2x USB 3.2 Gen 1
13. 2x USB 2.0 with SmartPower On
14. 2x Expansion Slots
15. Power Cord Connector
16. Power Supply Diagnostic Light
17. Kensington Security Cable Slot
18. RJ-45 Ethernet
19. Padlock Ring

Dell OptiPlex 7020 MFF (D148) \$810.00

Technical Specifications

- Intel® Core™ i5-14500T vPro processor
- 16GB DDR5 Non-ECC RAM (memory)
- 512GB SSD
- Optical Mouse
- Wired Keyboard
- 1 x DisplayPort 1.4a
- 1 x RJ45 Ethernet Port
- 3 x USB 3.2 Type-A Gen 1
- 1 x USB 3.2 Type-C Gen 2x2
- 1 x USB 2.0 Type-A with SmartPower On
- 1 x USB 2.0 Type-A
- 1 x HDMI 1.4b
- 1 x Universal Audio Jack
- 1 x Padlock ring and Kensington security-cable slot
- 4-year on-site warranty, keep your hard drive coverage
- Dimensions: 7.17”h X 1.42”w x 7.01”d
- Weight: 2.41lbs



Ports & Slots

1. Power Button
2. Storage Activity Light
3. Universal Audio Port
4. USB 3.2 Type-A Gen 1
5. USB 3.2 Type-C Gen 2x2

6. Optional Wireless Antenna
7. RJ-45 Ethernet Port
8. Optional Modules
 - HDMI 2.1 (up to 4096 x 2160 @ 60 Hz)
 - DisplayPort 1.4a (up to 5120 x 3200 @ 60 Hz)
 - VGA (up to 1920 x 1200 @ 60 Hz)
 - USB Type-C with DisplayPort Alt mode (up to 5120 x 3200 @ 60 Hz & power delivery in up to 90W)
 - PS/2 Serial Port
 - Serial Port
9. USB 2.0 Type-A with SmartPower On
10. USB 2.0 Type-A
11. 2x USB 3.2 Type-A Gen 1
12. Kensington Security Cable Slot and Padlock Ring
13. HDMI 1.4b
14. DisplayPort 1.4a
15. Power Connector

Dell Precision 3280 Compact (D150) \$1630.00

Technical Specifications

- Intel Core i7 14th Gen 14700
- 32 GB (2x16GB) DDR5
- 512 GB SSD
- 1TB 3.5" 7200rpm SATA Hard Drive
- NVIDIA RTX 2000, 16GB GDDR6
- 1 x RJ45
- 2 x USB 3.2 Gen 2 Type A (10Gbps), One with PowerShare
- 1 x USB 3.2 Type C (20Gbps)
- 3 x USB 3.2 Gen 1 Type-A (10 Gbps)
- 2 x USB 3.2 Gen 1 Type A (5 Gbps), One with PowerShare
- 3 x DP 1.4 Ports
- 1 x Universal audio port
- 4-year on-site warranty, keep your hard drive coverage
- Dimensions: 8.11" h x 3.12" w x 7.00" d
- Weight: Min: 4.03lbs – Max 5.59lbs



Ports & Slots

Front

1. Power button
2. LED indication light
3. Universal audio port
4. (2) USB 3.2 Gen 2 Type A (10Gbps), One with PowerShare
5. USB 3.2 Type C (20Gbps)

Back

6. Antenna module
7. Optional port
8. RJ-45
9. (3) USB 3.2 Gen 2 Type A (10 Gbps)
10. (2) USB 3.2 Gen 1 Type A (5 GBps), One with PowerShare
11. (3) DP 1.4 Ports
12. Power connector

Dell Precision 5860 Tower (D151) \$4150.00

Technical Specifications

- Intel Xeon W7-2475X (20 Core)
- 64 GB (2x32GB) DDR5
- 512 GB SSD
- 1TB 3.5" 7200rpm SATA Hard Drive
- NVIDIA RTX 4000 Ada, 20GB GDDR6
- 1 x HDD LED
- 1 x RJ45 (1Gb)
- 1 x RJ45 (10Gb)
- 5 x USB 3.2 Gen 1 Type-A
- 5 x USB 3.2 Gen 2 Type-C
- 1 x Universal audio jack
- 1 x SD card reader
- 4-year on-site warranty, keep your hard drive coverage
- Dimensions: 16.29" h x 6.79" w x 16.9" d
- Weight: Min: 31.70lbs – Max 47.80lbs



Ports & Slots

1. Power switch
2. HDD LED
3. Universal Audio Jack
4. (2) USB 3.2 Gen1 (5Gb/s) Type-A
5. USB 3.2 Gen 2 (10Gb/s) Type-C
6. USB 3.2 Gen 2 (10Gb/s) Type-C
7. SD card reader

8. Power outlet
9. Serial and PS2 (optional)
10. Line out
11. RJ45 (1Gb)
12. RJ45 (10Gb)
13. (3) USB 3.2 Gen 1 (5Gb/s) Type-A
14. (3) USB3.2 Gen 2 (10Gb/s) Type-C

Dell OptiPlex All-in-One Plus 7420 (D149) \$1380.00

Technical Specifications

- Intel i5-14500 vPro processor
- 32 GB (2x16GB) DDR5
- 512 GB SSD
- 24.0" OptiPlex All-in-One Touch Panel
- Pop-up FHD HDR Camera; 5MP IR Camera
- Wireless Keyboard and Mouse
- 1 x Universal audio port
- 1 x Audio line-out port
- 1 x USB 3.2 Gen 2x2 Type-C port
- 1 x SD 4.0 Card Slot
- 1 x HDMI-out 2.1 Port (up to 4096 x 2160 @ 60Hz)
- 1 x HDMI-in 1.4b Port (up to 1920 x 1080 @ 60Hz)
- 1 x DisplayPort 1.4a (up to 5120 x 3200 @ 60Hz)
- 1 x RJ45 Ethernet Port 10/100/1000 Mbps port
- 2 x USB 3.2 Gen 1 Type-A ports with Smart Power On
- 3 x USB 3.2 Gen 2 Type-A ports
- 1 x USB 3.2 Gen 2 Type-A port with PowerShare
- 4-year on-site warranty, keep your hard drive coverage
- Dimensions: 13.95"h x 21.26"w x 2.28"d

- Weight: 14.90lbs



Ports & Slots

1. Pop-up FHD HDR Camera; Pop-up 5MP IR Camera (optional)
2. Array Microphones
3. Speaker
4. Speaker
5. Power Button
6. Display Input Button
7. USB 3.2 Gen 2x2 Type-C Port
8. SD 4.0 Card Slot
9. Kensington Security Cable Slot
10. HDMI-in 1.4b Port (up to 1920 x 1080 @ 60Hz)
11. HDMI-out 2.1 Port (up to 4096 x 2160 @ 60Hz)
12. DisplayPort++ 1.4a (up to 5120 x 3200 @ 60Hz)
13. RJ-45 10/100/1000 Mbps Ethernet Port
14. 2x USB 3.2 Gen 1 Type-A Ports with SmartPower On
15. 3x USB 3.2 Gen 2 Type-A Ports
16. Audio Line-out Port, re-taskable
17. Power Cable Connector
18. VESA Bracket for Stand
19. USB 3.2 Gen 2 Type-A Port with PowerShare
20. Storage Activity Light
21. Universal Audio Port