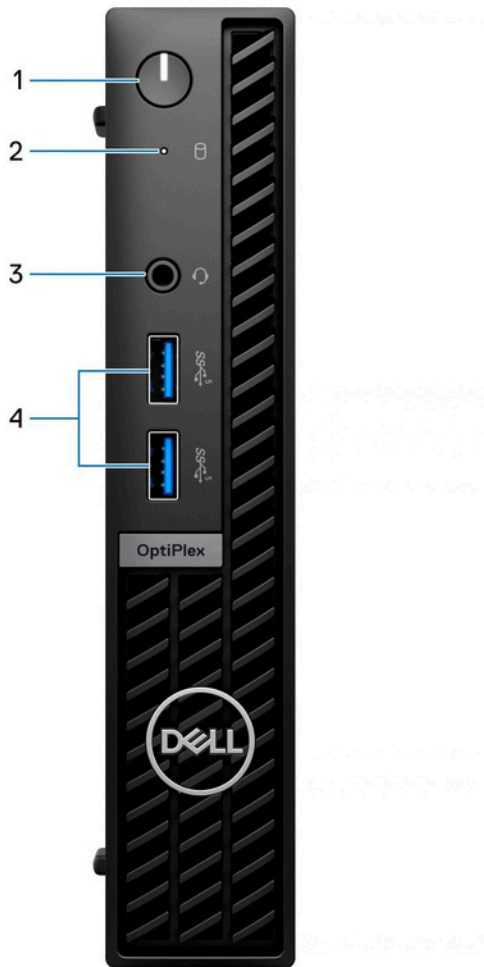


Views of OptiPlex Micro 7010

Front



1. Power button

Press to turn on the computer if it is turned off, in sleep state, or in hibernate state.

When the computer is turned on, press the power button to put the computer into sleep state; press and hold the power button for 10 seconds to force shut-down the computer.

NOTE: You can customize the power-button behavior in Windows.

2. Storage drive activity light

The activity light turns on when the computer reads from or writes to storage drives.

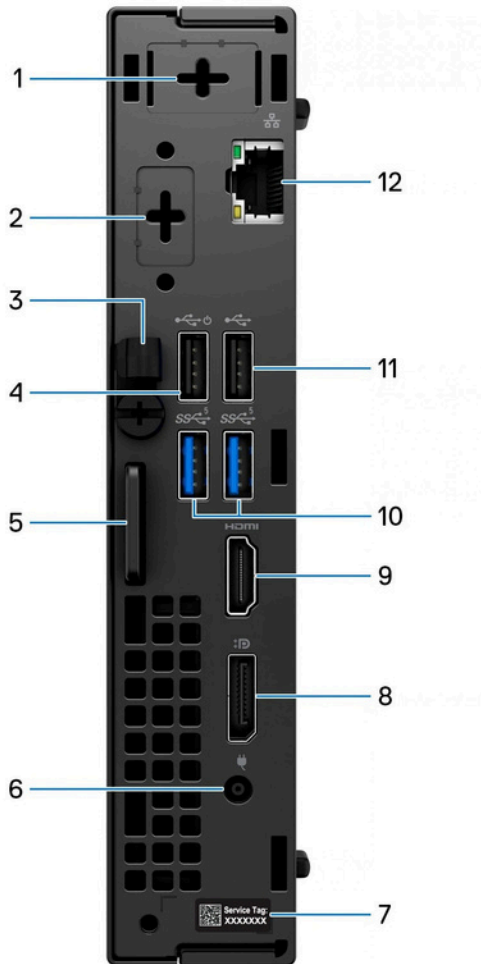
3. Universal audio jack

Connect headphones or a headset (headphone and microphone combo).

4. Two USB 3.2 Gen 1 ports

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.

Back



1. One optional external antenna port

Supports an optional external antenna module.

2. One optional video module port

Supports an optional module for HDMI 2.1/Displayport 1.4a (HBR3)/VGA/PS2/serial/USB Type-C with DisplayPort Alt mode + power delivery in.

NOTE: You may connect a 90 W Dell USB-C hub monitor to the optional Type-C port as a consolidated power, display and USB I/O solution for your computer.

3. DC-in cable clip

For power-adaptor cable routing.

4. USB 2.0 port with Smart Power on

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps.

NOTE: When USB wake is enabled in the BIOS the computer will power on or wake from hibernation when a USB mouse or keyboard that is connected to this port is used.

5. Kensington security-cable slot and padlock ring

Connect a security cable to prevent unauthorized movement of your computer and/or attach a standard padlock to prevent unauthorized access to the interior of your computer.

6. Power-adaptor port

Connect a power adapter to provide power to your computer.

7. Service Tag label

The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.

8. DisplayPort 1.4a

Connect an external display or a projector. Can support video output of up to 5120 x 3200 at 60 Hz.

9. HDMI 1.4b port

Connect a gaming console, Blu-ray player, or other HDMI-out enabled device.

10. Two USB 3.2 Gen 1 ports

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 5 Gbps.

11. USB 2.0 port

Connect devices such as external storage devices and printers. Provides data transfer speeds up to 480 Mbps.

12. Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or Internet access.

Specifications of OptiPlex Micro 7010

Dimensions and weight

The following table lists the height, width, depth, and weight of your OptiPlex Micro 7010.

Table 1. Dimensions and weight

Description	Values
Height	182 mm (7.17 in.)
Width	36 mm (1.42 in.)
Depth	178 mm (7.01 in.)
Weight  NOTE: The weight of your computer depends on the configuration ordered and manufacturing variability.	• Minimum: 1.09 kg (2.41 lb) • Maximum: 1.34 kg (2.95 lb)

Processor

The following table lists the details of the processors supported by your OptiPlex Micro 7010.

Table 3. Processor

Description	Option five	Option six	Option seven	Option eight	Option nine
Processor type	13 th Generation Intel Core i5-13500T	13 th Generation Intel Core i5-13600T	13 th Generation Intel Core i7-13700T	12 th Generation Intel Core i3-12100T	12 th Generation Intel Core i5-12500T
Processor wattage	35 W	35 W	35 W	35 W	35 W
Processor total core count	14	14	16	4	6
Performance-cores	6	6	8	4	6
Efficient-cores	8	8	8	0	0
Processor total thread counts	20	20	24	8	12
 NOTE: Intel® Hyper-Threading Technology is only available on Performance-cores.					
Processor speed	Up to 4.60 GHz	Up to 4.80 GHz	Up to 4.80 GHz	Up to 4.10 GHz	Up to 4.40 GHz
Performance-cores frequency					
Processor base frequency	1.60 GHz	1.80 GHz	1.40 GHz	2.20 GHz	2 GHz
Maximum turbo frequency	4.60 GHz	4.80 GHz	4.80 GHz	4.10 GHz	4.40 GHz
Efficient-cores frequency					
Processor base frequency	1.20 GHz	1.30 GHz	1 GHz	Not applicable	Not applicable
Maximum turbo frequency	3.20 GHz	3.40 GHz	3.60 GHz	Not applicable	Not applicable
	 NOTE: Processor clock speeds and thermal design power differ according to the thermal mode selected in the My Dell app on your computer.				
Processor cache	24 MB	24 MB	30 MB	12 MB	18 MB
Integrated graphics	Intel UHD Graphics 770	Intel UHD Graphics 770	Intel UHD Graphics 770	Intel UHD Graphics 730	Intel UHD Graphics 770

Chipset

The following table lists the details of the chipset supported by your OptiPlex Micro 7010.

Table 4. Chipset

Description	Values
Chipset	Intel Q670
Processor	- Intel Core i3/i5/i7 - Intel Pentium Gold

Table 4. Chipset (continued)

Description	Values
	Intel Celeron
DRAM bus width	64/128-bit
Flash EPROM	32 MB RPMC+16 MB nRPMC
PCIe bus	Up to Gen3

Operating system

Your OptiPlex Micro 7010 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Pro, 64-bit
- Windows 11 Downgrade (Windows 10 image)
- Windows 11 Pro National Education, 64-bit
- Windows 11 CMIT Government Edition, 64-bit (China only)
- Ubuntu Linux 20.04 LTS, 64-bit
- Windows 10 Pro, 64-bit

Memory

The following table lists the memory specifications of your OptiPlex Micro 7010.

Table 5. Memory specifications

Description	Values
Memory slots	Two SODIMM slots
Memory type	DDR4
Memory speed	3200 MHz
Maximum memory configuration	64 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB, 32 GB, 64 GB
Memory configurations supported	4 GB, 1 x 4 GB, DDR4, 3200 MHz, single-channel 8 GB, 1 x 8 GB, DDR4, 3200 MHz, single-channel 8 GB, 2 x 4 GB, DDR4, 3200 MHz, dual-channel 16 GB, 1 x 16 GB, DDR4, 3200 MHz, single-channel 16 GB, 2 x 8 GB, DDR4, 3200 MHz, dual-channel 32 GB, 1 x 32 GB, DDR4, 3200 MHz, single-channel 32 GB, 2 x 16 GB, DDR4, 3200 MHz, dual-channel 64 GB, 2 x 32 GB, DDR4, 3200 MHz, dual-channel

Memory matrix

The following table lists the memory configurations supported on your OptiPlex Micro 7010.

Table 6. Memory matrix

Configuration	Slot	
	SO-DIMM1	SO-DIMM2
4 GB DDR4 8	4 GB	
8 GB DDR4 8	8 GB	
16 GB DDR4 16	4 GB	4 GB
16 GB DDR4 16	16 GB	
32 GB DDR4 32	8 GB	8 GB
32 GB DDR4 32	32 GB	
64 GB DDR4 64	16 GB	16 GB
64 GB DDR4	32 GB	32 GB

External ports

The following table lists the external ports of your OptiPlex Micro 7010.

Table 7. External ports

Description	Values
Network port	One RJ45 Ethernet port 10/100/1000 Mbps
USB ports	- Two USB 3.2 Gen 1 ports (Front) - Two USB 3.2 Gen 1 ports (Rear) - One USB 2.0 port (Rear) - One USB 2.0 port with Smart Power On (Rear)
Audio port	One universal audio jack (Front)
Video port	- One optional video port (HDMI 2.1/Displayport 1.4a (HBR3)/VGA/PS2/serial/USB Type-C with DisplayPort Alt mode + power delivery in) (Rear) NOTE: You may connect a 90 W Dell USB-C hub monitor to the optional Type-C port as a consolidated power, display and USB I/O solution for your computer. - One DisplayPort 1.4a (HBR2) (Rear) - One HDMI 1.4b
Media-card reader	Not supported
Power-adaptor port	- One DC-in port with 4.50 mm barrel - One Type-C power in (optional) NOTE: You may connect a 90 W Dell USB-C hub monitor to the optional Type-C port as a consolidated power, display and I/O solution for your computer.
Security-cable slot	One Kensington lock slot

Table 7. External ports (continued)

Description	Values
	One padlock ring

Internal slots

The following table lists the internal slots of your OptiPlex Micro 7010.

Table 8. Internal slots

Description	Values
M.2	- One M.2 2230 slot for WiFi and Bluetooth card - One M.2 2230/2280 slot for SSD NOTE: To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at www.dell.com/support.
SATA	One SATA slot for 2.5-inch HDD

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your OptiPlex Micro 7010.

Table 9. Ethernet specifications

Description	Values
Model number	Intel WGI219LM
Transfer rate	10/100/1000 Mbps

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module specifications of your OptiPlex Micro 7010.

Table 10. Wireless module specifications

Description	Option one	Option two	Option three
Model number	Realtek RTL8821CE	Realtek RTL8852BE	Intel AX211
Transfer rate	Up to 433 Mbps	Up to 1201 Mbps	Up to 2400 Mbps
Frequency bands supported	2.40 GHz/5 GHz	2.40 GHz/5 GHz	2.40 GHz/5 GHz/6 GHz
Wireless standards	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac)	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6 (WiFi 802.11ax)	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6E (WiFi 802.11ax)
Encryption	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP ● AES-CCMP ● TKIP	64-bit/128-bit WEP ● AES-CCMP ● TKIP

Table 10. Wireless module specifications (continued)

Description	Option one	Option two	Option three
Bluetooth wireless card	Bluetooth wireless card	Bluetooth wireless card	Bluetooth wireless card
	 NOTE: The version of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer.		

Audio

The following table lists the audio specifications of your OptiPlex Micro 7010.

Table 11. Audio specifications

Description	Values
Audio controller	Realtek ALC3246
Stereo conversion	Not supported
Internal audio interface	High definition audio interface
External audio interface	Universal audio jack
Number of speakers	One
Internal-speaker amplifier	Supported
External volume controls	Keyboard shortcut controls
Speaker output:	
Average speaker output	2 W
Peak speaker output	2.5 W
Subwoofer output	Not supported
Microphone	Not supported

Storage

This section lists the storage options on your OptiPlex Micro 7010.

Table 12. Storage matrix

Storage	1st 2.5-inch hard drive	1st M.2 socket	1st Bootable Device
2.5-inch hard drive	Yes		2.5-inch hard drive
M.2 solid-state drive		Yes	1st M.2 solid-state drive
M.2 solid-state drive	2.5-inch hard drive	Yes	1st M.2 solid-state drive

Table 13. Storage specifications

Storage type	Interface type	Capacity
2.5-inch, 7200 RPM, hard-disk drive	SATA 3.0	Up to 1 TB
M.2 2230, Class 25 solid-state drive	PCIe NVMe	Up to 1 TB
M.2 2230, Class 35 solid-state drive	PCIe NVMe	Up to 1 TB
M.2 2230, Class 35, Opal Self-Encrypting solid-state drive	PCIe NVMe	256 GB
M.2 2230, Class 40 solid-state drive	PCIe NVMe	Up to 2 TB
M.2 2280, Class 40, Opal Self-Encrypting solid-state drive	PCIe NVMe	Up to 1 TB

Encrypting solid-state drive

Power adapter

The following table lists the power adapter specifications of your OptiPlex Micro 7010.

Table 14. Power adapter specifications

Description	Option one	Option two
Type	65 W	90 W
Connector dimensions:		
External diameter	4.50 mm	4.50 mm
Internal diameter	2.90 mm	2.90 mm
Power-adapter dimensions:		
Height	28 mm (1.10 in.)	32 mm (1.26 in.)
Width	47 mm (1.85 in.)	52 mm (2.05 in.)
Depth	108 mm (4.25 in.)	128 mm (5.04 in.)
Input voltage	100 VAC x 240 VAC	100 VAC x 240 VAC
Input frequency	50 Hz x 60 Hz	50 Hz x 60 Hz
Input current (maximum)	1.60 A / 1.70 A	1.50 A
Output current (continuous)	3.34 A	4.62 A
Rated output voltage	19.50 VDC	19.50 VDC
Temperature range:		
Operating	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
Storage	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)

CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your OptiPlex Micro 7010.

Table 15. GPU—Integrated

Controller	External display support	Memory size	Processor
Intel UHD Graphics 710	- One DisplayPort 1.4a HBR2S - One HDMI 1.4b	Shared system memory	Intel Celeron G6900T and Intel Pentium Gold G7400T processors
Intel UHD Graphics 730	- One DisplayPort 1.4a HBR2S - One HDMI 1.4b	Shared system memory	12th Generation Intel Core i3-12100T 13th Generation Intel Core i5-13400T and i3-13100T processors
Intel UHD Graphics 770	- One DisplayPort 1.4a HBR2S - One HDMI 1.4b	Shared system memory	12th Generation Intel Core i5-12500T 13th Generation Intel Core i5-13500T, i5-13600T, and i7-13700T processors

Video port resolution (GPU—Integrated)

Table 16. Video port resolution (GPU—Integrated)

Graphics card	Video ports	Maximum supported resolution
Intel UHD Graphics 710/730/770	One DisplayPort 1.4a HBR2 and One HDMI 1.4b	- DisplayPort 1.4a: 4096 x 2304 at 60 Hz - HDMI 1.4b: 1920 x 1200 at 60 Hz

External display support (GPU—Integrated)

Table 17. External display support (GPU—Integrated)

Integrated graphics card	Number of supported external display
One HDMI 1.4b + One DisplayPort 1.4a	2 4, with MST
One HDMI 1.4b + One DisplayPort 1.4a + Optional module	3 4, with MST

Hardware security

The following table lists the hardware security of your OptiPlex Micro 7010.

Table 18. Hardware security

Hardware security
Kensington security-cable slot
Padlock ring

Table 18. Hardware security (continued)

Hardware security
Chassis lock slot support
Chassis intrusion switch

Environmental

The following table lists the environmental specifications of your OptiPlex Micro 7010.

Table 19. Environmental

Feature	Values
Recyclable packaging	Yes
BFR/PVC-free chassis	Yes
Vertical orientation packaging support	No
Multi-Pack packaging	Yes
Energy-Efficient Power Supply	Standard
ENV0424 compliant	Yes

NOTE: Wood-based fiber packaging contains a minimum of 35% recycled content by total weight of wood-based fiber. Packaging that contains without wood-based fiber can be claimed as Not Applicable. The anticipated required criteria for EPEAT 2018.

Regulatory compliance

The following table lists the regulatory compliance of your OptiPlex Micro 7010.

Table 20. Regulatory compliance

Regulatory compliance
Product Safety, EMC and Environmental Datasheets
Dell Regulatory Compliance Home page
Dell and the Environment

Operating and storage environment

This table lists the operating and storage specifications of your OptiPlex Micro 7010.

Airborne contaminant level: G1 as defined by ISA-S71.04-1985

Table 21. Computer environment

Description	Operating	Storage
Temperature range	10°C to 35°C (50°F to 95°F)	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum)	20% to 80% (non-condensing, Max dew point temperature = 26°C)	5% to 95% (non-condensing, Max dew point temperature = 33°C)
Vibration (maximum)*	0.26 GRMS random at 5 Hz to 350 Hz	1.37 GRMS random at 5 Hz to 350 Hz

Table 21. Computer environment (continued)

Description	Operating	Storage
Shock (maximum)	Bottom half-sine pulse with a change in velocity of 50.80 cm/sec (20 in./sec)	105G half-sine pulse with a change in velocity of 133 cm/sec (52.5 in./sec)
Altitude range	-15.2 m to 3048 m (-49.87 ft to 10000 ft)	-15.2 m to 10668 m (-49.87 ft to 35000 ft)
 CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.		

* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2 ms half-sine pulse.