

# XPS 27

## Setup and Specifications

**Computer Model:** XPS 7760  
**Regulatory Model:** W13C  
**Regulatory Type:** W13C001



# Notes, cautions, and warnings

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**NOTE:** A NOTE indicates important information that helps you make better use of your product.



**CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



**WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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2016-10

Rev. A00

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# Set up your computer

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- 1 Set up the keyboard and mouse.  
See the documentation that shipped with the keyboard and mouse.



- 2 Install your wireless keyboard/mouse USB dongle.
- a Tilt the display.



- b Press and pull the USB dongle-bay cover.
- c Insert the USB dongle.
- d Replace the USB dongle cover and snap it into place.



3 Connect the power cable.

 **NOTE:** Route the cable through the stand to avoid potential damage to the cable.

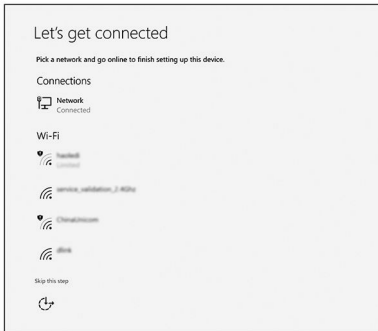


- 4 Press the power button.

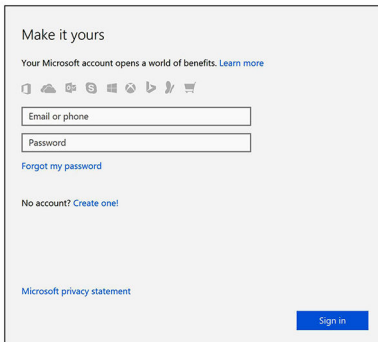




- 5 Finish Windows setup.
- a) Connect to your network.



- b) Sign-in to your Microsoft account or create a local account.



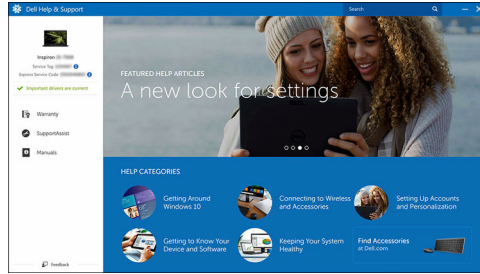
6 Explore Dell resources on your desktop.



Register your computer



### Dell Help & Support

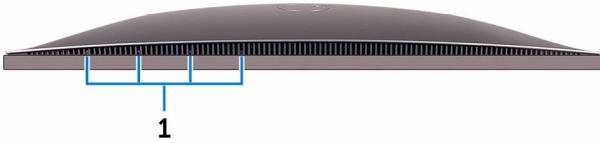


SupportAssist — Check and update your computer

# Views

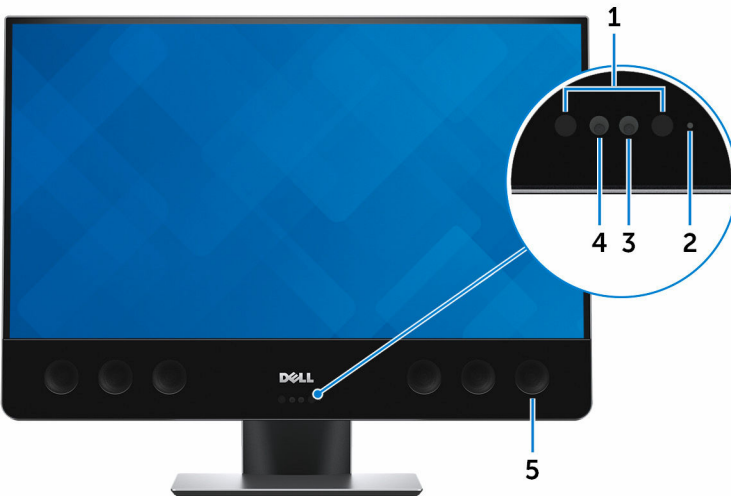
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## Top



- 1 **Array microphones (4)**  
Provide digital sound input for audio recording, voice calls, and so on.

## Front



- 1 **Infrared emitters (2)**



Emits infrared light, which enables the infrared camera to sense depth and track motion

2 **Camera-status light**

Turns on when the camera is in use.

3 **Camera**

Allows you to video chat, capture photos, and record videos.

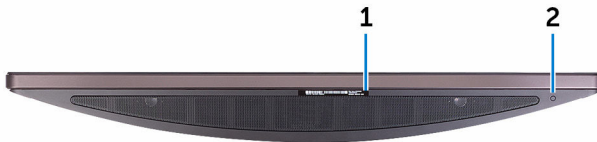
4 **Infrared camera**

Depth-sensing feature of the camera enhances security when paired with Windows Hello face authentication.

5 **Speakers**

Provide audio output.

## Bottom



1 **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.

2 **Display Built-in Self Test button**

Press to run a built-in self-test for the display.

For more information, see [Display Built-in Self Test button](#) .

# Left



- 1 **SD-card slot**  
Reads from and writes to the SD card.
- 2 **Headset port**  
Connect a headphone or a headset (headphone and microphone combo).



# Right



## 1 Power button

Turns on your computer or changes the power state of your computer.

Press to put the computer in sleep state if it is turned on.

Press and hold for 4 seconds to force shut-down the computer.



**NOTE: You can customize the power-button behavior in Power Options. For more information, see *Me and My Dell* at [www.dell.com/support/manuals](http://www.dell.com/support/manuals).**


## 2 USB 3.0 port with PowerShare

Connect peripherals such as storage devices and printers.

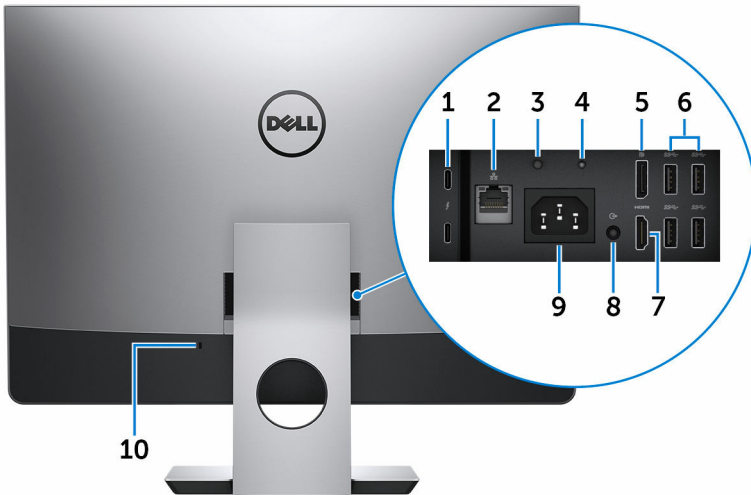
Provides data transfer speeds up to 5 Gbps. PowerShare enables you to charge your USB devices even when your computer is turned off.



**NOTE: If your computer is turned off or in hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in the BIOS setup program.**

-  **NOTE: Certain USB devices may not charge when the computer is turned off or in sleep state. In such cases, turn on the computer to charge the device.**

## Back



**1 Thunderbolt 3 (USB Type-C) ports (2)**

Supports USB 3.1 Gen 2, DisplayPort 1.2, Thunderbolt 3 and also enables you to connect to an external display using a display adapter.

Provides data transfer rates up to 10 Gbps for USB 3.1 Gen 2 and up to 40 Gbps for Thunderbolt 3.

**2 Network port**

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

**3 Power-supply diagnostics button**

Press to check the power-supply state.

**4 Power-supply diagnostics light**

Indicates the power-supply state.

**5 DisplayPort**



Connect an external display or a projector.

6 **USB 3.0 ports (4)**

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

7 **HDMI port**

Connect a TV or another HDMI-in enabled device. Provides video and audio output.

8 **Line-out port (configurable)**

Connect audio-output devices such as speakers and amplifiers.



**NOTE: Audio line-out port can be configured to support audio line-in, microphone and headphones.**

9 **Power-connector port**

Connect a power adapter to provide power to your computer.

10 **Security-cable slot**

Connect a security cable to prevent unauthorized movement of your computer.

## Transform

### Articulating stand





# Tilt

Pedestal stand

5°





**Articulating stand**





# Specifications

---

## Dimensions and weight

|                  | Touch                | Non-touch            |
|------------------|----------------------|----------------------|
| Height           | 435.05 mm (17.13 in) | 430.35 mm (16.94 in) |
| Width            | 624.80 mm (24.60 in) | 613.05 mm (24.14 in) |
| Depth            | 80.20 mm (3.16 in)   | 81.60 mm (3.21 in)   |
| Weight (maximum) | 17.32 kg (38.18 lb)  | 13.01 kg (28.68 lb)  |



**NOTE: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.**

## System information

|                |   |
|----------------|---|
| Computer model | XPS 7760  |
| Processor      | <ul style="list-style-type: none"><li>• 6th Generation Intel Core i5</li><li>• 6th Generation Intel Core i7</li></ul> |
| System chipset | Integrated in processor   |

## Memory

|                          |  |
|--------------------------|--|
| Slots                    | Four SODIMM slots                                |
| Type                     | DDR4 (non-ECC)                                   |
| Speed                    | 2133 MHz   |
| Configurations supported | 4GB, 8GB, 12GB, 16GB, 24GB, 32GB, 48GB, and 64GB |



# Ports and connectors

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## External

---

|             |   |
|-------------|---|
| Network     | One RJ45 port   |
| USB         | <ul style="list-style-type: none"><li>• One USB 3.0 port with PowerShare</li><li>• Two Thunderbolt 3 (USB Type-C) ports</li><li>• Four USB 3.0 ports</li></ul>  |
| Audio/Video | <ul style="list-style-type: none"><li>• One HDMI port</li><li>• One display port</li><li>• One headset port</li><li>• Two Thunderbolt 3 (USB Type-C) ports</li><li>• One audio line-out port (configurable)</li></ul> |



**NOTE: Audio line-out port can be configured to support audio line-in, microphone and headphones**

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## Internal

---

|          |  |
|----------|--|
| M.2 card | <ul style="list-style-type: none"><li>• One M.2 slot for SSD</li><li>• One M.2 slot for Wi-Fi and Bluetooth combo card</li></ul> |
|----------|--|

# Communications

|          |  |
|----------|--|
| Ethernet | 10/100/1000 Mbps Ethernet controller integrated on system board  |
| Wireless | <ul style="list-style-type: none"><li>• Wi-Fi 802.11ac</li><li>• Wi-Fi 802.11b/g/n</li><li>• Bluetooth 4.1</li></ul> |

## Audio

|                 |  |
|-----------------|--|
| Controller      | Realtek ALC3266CG with Waves MaxxAudio Pro   |
| Speakers        | Eight  |
| Speaker Output  | <ul style="list-style-type: none"><li>• Average – 10 W</li><li>• Peak – 15 W</li></ul> |
| Microphone      | Array Microphone   |
| Volume controls | Program menus  |

## Storage

|                   |                         |
|-------------------|-------------------------|
| Interface         | SATA 6 Gbps             |
| Hard drive        | Two 2.5-inch hard drive |
| Solid-state drive | One M.2 SSD             |

## Media-card reader

|                 |  |
|-----------------|--|
| Type            | One 4-in 1 slot  |
| Cards supported | <ul style="list-style-type: none"><li>• SD card</li><li>• Multi Media Card (MMC)</li><li>• SD Extended Capacity (SDXC) card</li><li>• SD High Capacity (SDHC) card</li></ul> |

## Power Ratings

|                 |                    |
|-----------------|--------------------|
| Type            | 360 W              |
| Input Voltage   | 100 VAC to 240 VAC |
| Input frequency | 50 Hz to 60 Hz     |



Input current 5.0A

## Camera

Resolution

- Still image: 0.92 megapixels
- Video: 1280 x 720 (HD) at 30 fps (maximum)

Diagonal viewing angle 74.6 degrees

## VESA wall mount

Type VESA MIS-D, 100, C  
Hole mount pattern 100 x 100 mm  
Screw type M4  
Minimum clearance from wall 20 mm (0.79 in)

## Stand

|       | <b>Touch</b>      | <b>Non-touch</b>    |
|-------|-------------------|---------------------|
| Width | 258 mm (10.16 in) | 260 mm (10.24 in)   |
| Depth | 260 mm (10.24 in) | 183.10 mm (7.21 in) |

## Video

|            | <b>Integrated</b>     | <b>Discrete</b>   |
|------------|-----------------------|---|
| Controller | Intel HD Graphics 530 | <ul style="list-style-type: none"><li>• AMD Radeon R9 M470X</li><li>• AMD Radeon R9 M485X</li></ul> |
| Memory     | Shared system memory  | 4 GB GDDR5  |



# Display

| Type                 | 27-in UHD touch screen   | 27-in UHD Non-touch screen |
|----------------------|--|----------------------------|
| Height               | 430.99 mm (16.97 in)   | 355.30 mm (13.99 in)       |
| Width                | 620.74 mm (24.44 in)   | 608.80 mm (23.97 in)       |
| Diagonal             | 685.80 mm (27 in)  |                            |
| Viewing angle        | 178 degree   |                            |
| Refresh rate         | 60 Hz  |                            |
| Resolution (maximum) | 3840 x 2160  |                            |
| Pixel pitch          | 0.1554 mm x 0.1554 mm  |                            |
| Controls             | Brightness can be controlled through the display-brightness increase/decrease button |                            |

# Computer environment

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

|                             | Operating                               | Storage                                   |
|-----------------------------|---|---|
| Temperature range           | 0°C to 35°C (32°F to 95°F)              | -40°C to 65°C (-40°F to 149°F)            |
| Relative humidity (maximum) | 10% to 90% (non-condensing)             | 0% to 95% (non-condensing)                |
| Vibration (maximum)*        | 0.66 GRMS                               | 1.30 GRMS                                 |
| Shock (maximum)             | 110 G†                                  | 160 G‡                                    |
| Altitude (maximum)          | -15.2 m to 3048 m (-50 ft to 10,000 ft) | -15.2 m to 10,668 m (-50 ft to 35,000 ft) |

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

† Measured using a 2 ms half-sine pulse when the hard drive is in use.

‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



# Display Built-in Self Test button

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- 1 Press and hold the Display Built-in Self Test button.



- 2 Press and release the power button.



1 Display Built-in Self Test button

2 Power button

After performing the above steps, your computer will begin to display a white screen followed by black, red, green and blue screens.

Once the Display built-in self-test is completed, your computer will proceed to boot.



# Getting help and contacting Dell

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## Self-help resources

You can get information and help on Dell products and services using these self-help resources:

**Table 1. Self-help resources**

Information about Dell products and services

[www.dell.com](http://www.dell.com)

Dell Help & Support app



Get started app



Accessing help

In Windows search, type `Help` and `Support`, and press `Enter`.

Online help for operating system

[www.dell.com/support/windows](http://www.dell.com/support/windows)

[www.dell.com/support/linux](http://www.dell.com/support/linux)

Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on.

[www.dell.com/support](http://www.dell.com/support)

Learn about your operating system, setting up and using your computer, data backup, diagnostics, and so on.

See *Me and My Dell* at [www.dell.com/support/manuals](http://www.dell.com/support/manuals).

## Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [www.dell.com/contactdell](http://www.dell.com/contactdell).



**NOTE: Availability varies by country and product, and some services may not be available in your country.**



**NOTE: If you do not have an active internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.**

