

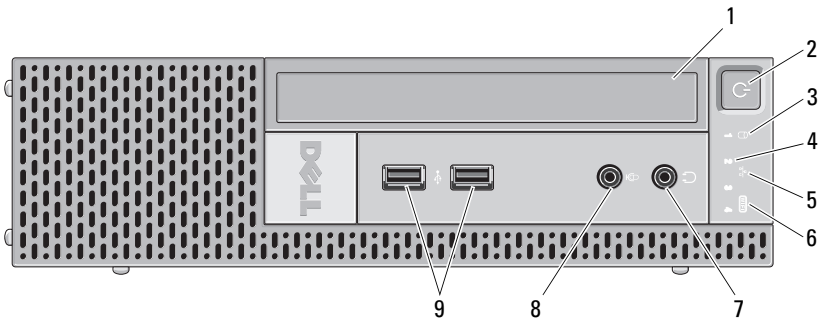


## About Warnings

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

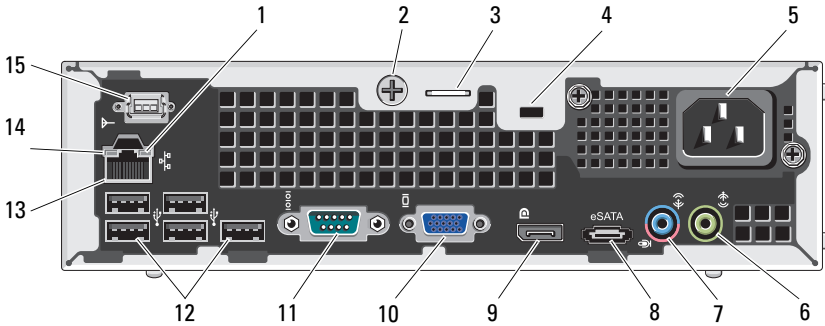
# Dell™ OptiPlex™ 780 Ultra Small Form Factor Setup and Features Information Tech Sheet

## Front View



- |   |                        |   |                                |
|---|------------------------|---|--------------------------------|
| 1 | CD/DVD drive           | 2 | power button                   |
| 3 | drive activity light   | 4 | diagnostic lights (4)          |
| 5 | network activity light | 6 | WiFi activity light (optional) |
| 7 | headphone connector    | 8 | microphone connector           |
| 9 | USB connectors (2)     |   |                                |

## Back View



- |    |                              |    |                      |
|----|------------------------------|----|----------------------|
| 1  | network activity light       | 2  | captive thumbscrew   |
| 3  | padlock ring                 | 4  | security cable slot  |
| 5  | power connector              | 6  | line-out connector   |
| 7  | line-in/microphone connector | 8  | eSATA connector      |
| 9  | DisplayPort connector        | 10 | VGA connector        |
| 11 | serial connector             | 12 | USB connectors (5)   |
| 13 | network connector            | 14 | link integrity light |
| 15 | WiFi antenna (optional)      |    |                      |

## Quick Setup



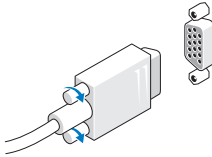
**WARNING:** Before you begin any of the procedures in this section, read the safety information that shipped with your computer. For additional best practices information, see [www.dell.com/regulatory\\_compliance](http://www.dell.com/regulatory_compliance).



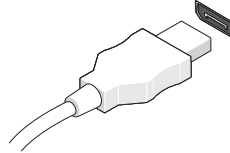
**NOTE:** Some devices may not be included if you did not order them.

1 Connect the monitor using only one of the following cables:

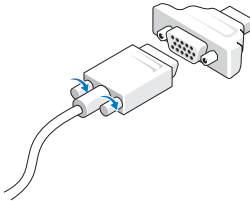
a The blue VGA cable.



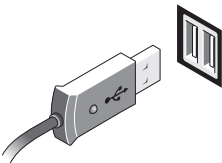
b The DisplayPort cable.



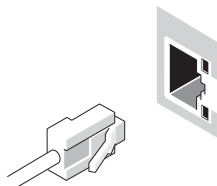
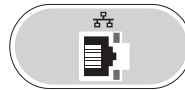
c The VGA cable to a DisplayPort adapter.



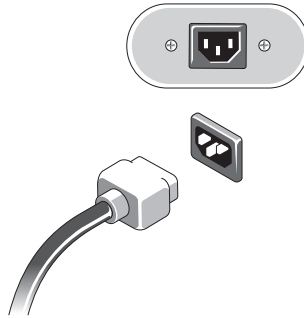
2 Connect the USB keyboard or mouse (optional).



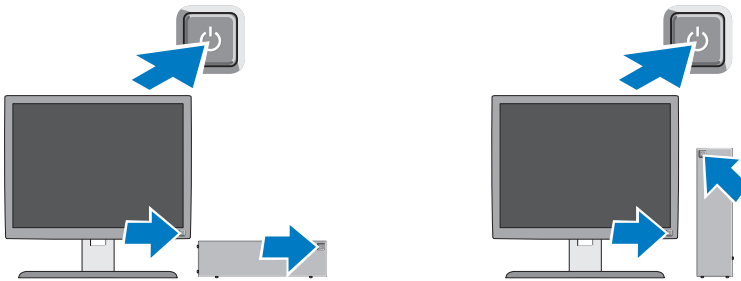
3 Connect the network cable (optional).



4 Connect the power cable.



5 Press the power buttons on the monitor and computer.



## Specifications



**NOTE:** The following specifications are only those required by law to ship with your computer. For a complete and current listing of the specifications for your computer, go to [support.dell.com](http://support.dell.com).

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### System Information

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Chipset Intel® Q45 Express chipset with ICH10DO

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### Processor

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Processor Intel Core™ 2 Duo, Intel Pentium® Dual-Core, Intel Celeron® Dual-Core, Intel Celeron®

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**Video**

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## Video type:

Integrated	Intel Q45 graphics controller
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## Video memory:

Integrated	Upto 1759 MB shared video memory
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**Memory**

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Memory module connector	2 DIMM slots
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Memory module capacity	1 GB or 2 GB
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Type	DDR3 1066 MHz (non-ECC)
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Minimum memory	1 GB
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Maximum memory	4 GB
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**Drives**

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## Externally accessible:

5.25-inch slimline drive bay	One
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## Internally accessible:

2.5-inch SATA drive bay	One
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## Available devices:

2.5-inch SATA hard drive	One
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5.25-inch SATA DVD-ROM, DVD+/-RW drive	One
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**NOTE:** Supports a maximum of one hard drive.

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## Control Lights and Diagnostic Lights

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### Front of computer:

Power button light	Blue light — Solid blue light indicates power-on state; blinking blue light indicates sleep state of the computer. Amber light — Solid amber light when the computer does not start indicates a problem with the system board or power supply. Blinking amber light indicates a problem with the system board.
Drive activity light	Displays the SATA hard drive or CD/DVD drive activity. Blue light — Blinking blue light indicates that the computer is reading data from or writing data to the drive.
Network activity light	Blue light — A good connection exists between the network and the computer. Off (no light) — The computer is not detecting a physical connection to the network.
WiFi activity light (optional)	Blue light — The WiFi network card is enabled.
Diagnostic lights	Four amber lights located on the front panel of the computer. For information on the diagnostic lights, see the <i>Service Manual</i> available on the Dell Support website at <a href="http://support.dell.com/manuals">support.dell.com/manuals</a> .

### Back of computer:

Link integrity light on integrated network adapter	Green light — A good 10 Mbps connection exists between the network and the computer. Orange light — A good 100 Mbps connection exists between the network and the computer. Yellow light — A good 1000 Mbps connection exists between the network and the computer. Off (no light) — The computer is not detecting a physical connection to the network.
Network activity light on integrated network adapter	Yellow light — A blinking yellow light indicates that network activity is present.

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**Control Lights and Diagnostic Lights (continued)**

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Inside of computer:

Power supply light

Green — The power supply is turned on and is functional. The power cable must be connected to the power connector (at the back of the computer) and the electrical outlet. A test button and LED are on the top side of the unit.

**NOTE:** You can test the health of the power system by pressing the test button. When the system's power supply voltage is within specification, the self-test LED lights. If the LED does not light up, the power supply may be defective. AC power must be connected during this test.

**NOTE:** The test button and indication LED are not accessible from outside the system. They are located under the removable side cover on top of the power supply.

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**Power**

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Wattage 180 W

Maximum heat dissipation 750 BTU/hr

**NOTE:** Heat dissipation is calculated by using the power supply wattage rating.

Voltage 90–264 VAC

Frequency 47–63 Hz

Input amperage 2.6 A

**NOTE:** See the safety information that shipped with your computer for important voltage-setting information.

Coin-cell battery 3V CR2032 lithium coin cell

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**Physical**

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Height 23.7 cm (9.3 inches)

Width 6.5 cm (2.6 inches)

Depth 24.0 cm (9.4 inches)

Weight 3.2 kg (7 lbs)

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**Environmental**

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## Temperature:

Operating 10° to 35°C (50° to 95°F)

Storage -40° to 65°C (-40° to 149°F)

Relative humidity 20% to 80% (noncondensing)

## Altitude:

Operating -15.2 to 3048 m (-50 to 10,000 ft)

Storage -15.2 to 10,668 m (-50 to 35,000 ft)

Airborne contaminant level G2 or lower as defined by ISA-S71.04-1985

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**Finding More Information and Resources**

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**If you need to:**

Find safety best practices information for your computer, review Warranty information, Terms and Conditions (U.S only), Safety instructions, Regulatory information, Ergonomics information, and End User License Agreement.

**See:**

The safety and regulatory documents that shipped with your computer and the Regulatory Compliance Homepage at [www.dell.com/regulatory\\_compliance](http://www.dell.com/regulatory_compliance).

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