

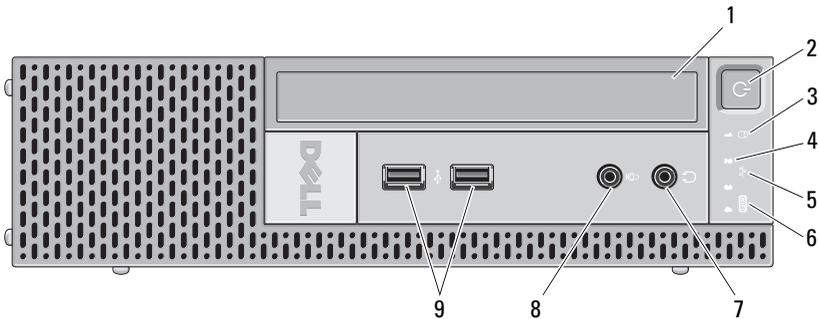


About Warnings

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

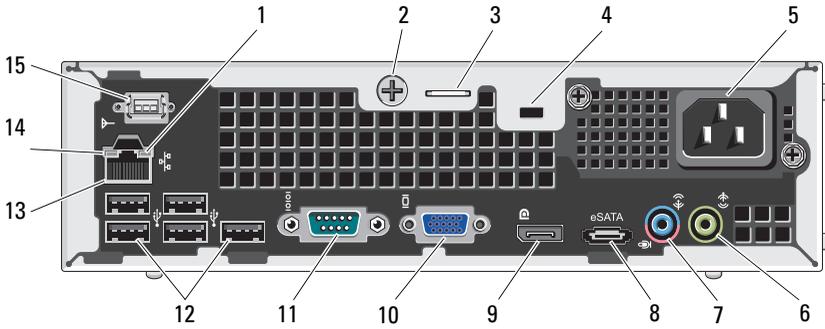
Dell™ OptiPlex™ 780 Ultra Small Form Factor Setup and Features Information Tech Sheet

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



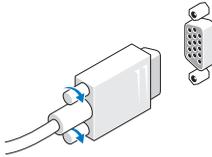
WARNING: Before you begin any of the procedures in this section, read the safety information that shipped with your computer. For additional best practices information, see www.dell.com/regulatory_compliance.



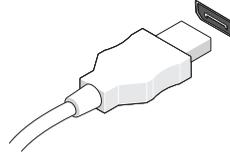
NOTE: Some devices may not be included if you did not order them.

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

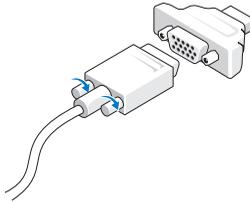
a The blue VGA cable.



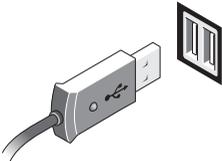
b The DisplayPort cable.



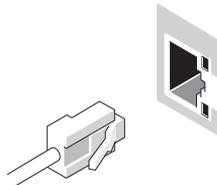
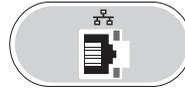
c The VGA cable to a DisplayPort adapter.



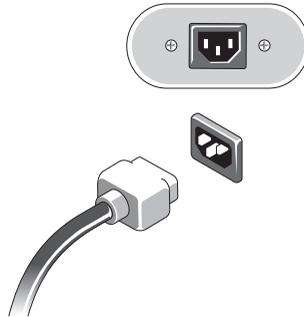
2 Connect the USB keyboard or mouse (optional).



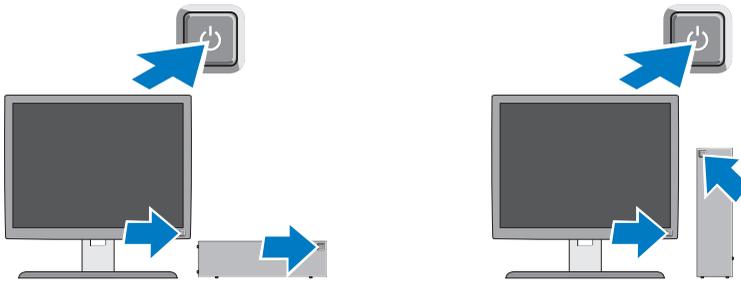
3 Connect the network cable (optional).



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.

System Information

Chipset Intel® Q45 Express chipset with ICH10DO

Processor

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

Video

Video type:

Integrated Intel Q45 graphics controller

Video memory:

Integrated Upto 1759 MB shared video memory

Memory

Memory module connector 2 DIMM slots

Memory module capacity 1 GB or 2 GB

Type DDR3 1066 MHz (non-ECC)

Minimum memory 1 GB

Maximum memory 4 GB

Drives

Externally accessible:

5.25-inch slimline drive bay One

Internally accessible:

2.5-inch SATA drive bay One

Available devices:

2.5-inch SATA hard drive One

5.25-inch SATA DVD-ROM,
DVD+/-RW drive One

NOTE: Supports a maximum of one hard drive.

Control Lights and Diagnostic Lights

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 support.dell.com/manuals .

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.

Control Lights and Diagnostic Lights (continued)

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.

Power

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

Physical

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)

Environmental

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

Finding More Information and Resources

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.

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