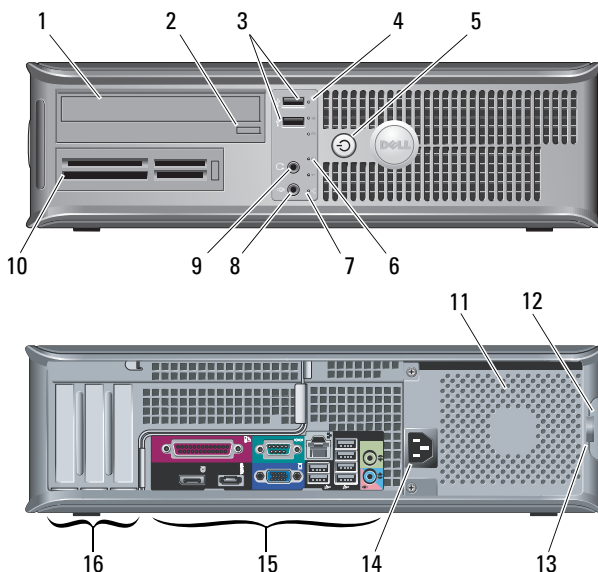# About Warnings

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

Dell™ OptiPlex™ 780
Setup and Features Information Tech Sheet

Front and Back View — Desktop

1	optical drive	2	optical drive eject button
3	USB 2.0 connectors (2)	4	drive activity light
5	power button, power light	6	diagnostic lights (4)
7	network connectivity light	8	microphone connector
9	headphone connector	10	Media Card Reader (optional)

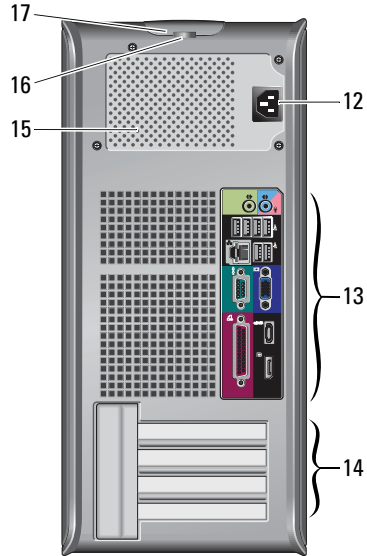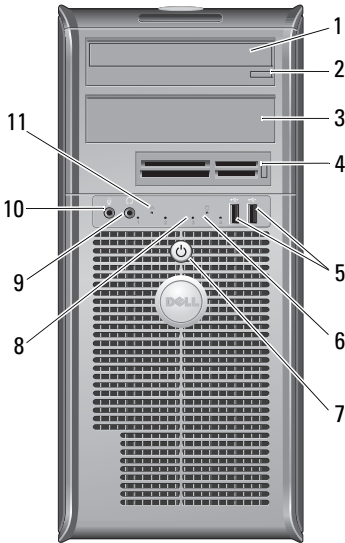March 2010

11	cooling vents	12	cover release latch
13	padlock ring	14	power connector
15	back panel connectors	16	expansion card slots (3)

Front and Back View — Mini-Tower

1	optical drive	2	optical drive eject button
3	optical drive bay (optional)	4	Media Card Reader (optional)
5	USB 2.0 connectors (2)	6	drive activity light
7	power button, power light	8	diagnostic lights (4)
9	headphone connector	10	microphone connector
11	network connectivity light	12	power connector
13	back panel connectors	14	expansion card slots (4)
15	cooling vents	16	padlock ring
17	cover release latch		

Front and Back View — Small Form Factor
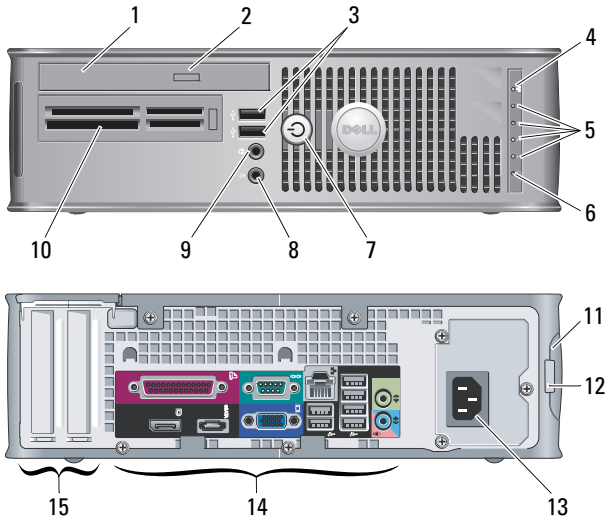
1	optical drive	2	optical drive eject button
3	USB 2.0 connectors (2)	4	network connectivity light
5	diagnostic lights (4)	6	drive activity light
7	power button, power light	8	microphone connector
9	headphone connector	10	Media Card Reader (optional)
11	cover release latch	12	padlock ring
13	power connector	14	back panel connectors
15	expansion card slots (2)		

Back Panel Connectors — Desktop, Mini-Tower, and Small Form Factor
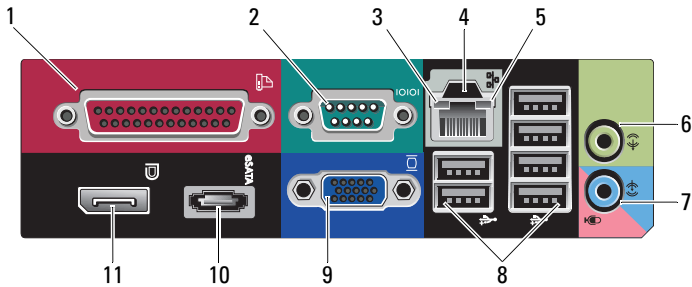
|			
1	parallel connector	2	serial connector
3	link integrity light	4	network connector
5	network activity light	6	line-out connector
7	line-in/microphone connector	8	USB 2.0 connectors (6)
9	VGA connector	10	eSata connector
11	DisplayPort connector		

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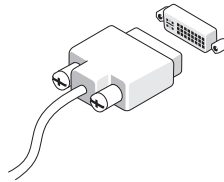
✐ **NOTE:** Some devices may not be included if you did not order them.

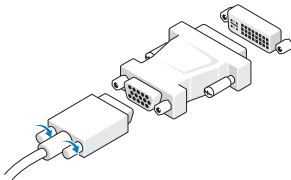**1** Connect the monitor using only one of the following cables:
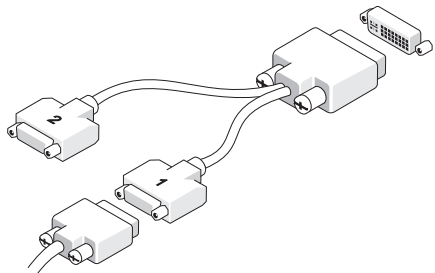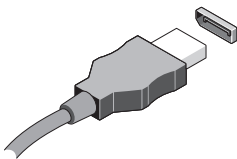
a The blue VGA cable
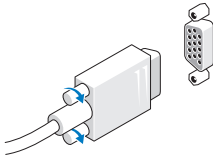
b The white DVI cable

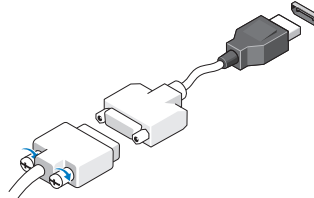**c** The VGA cable to a DVI adapter

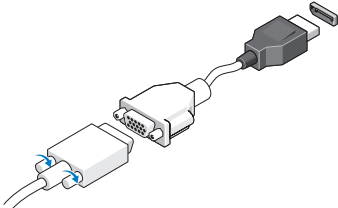**d** The dual monitor Y-adapter cable
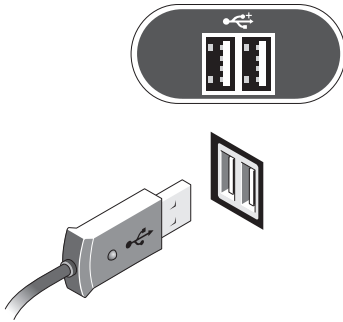
e The DisplayPort cable

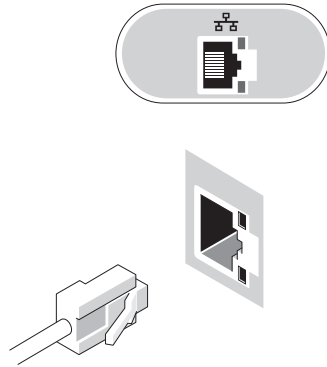**f** The DVI cable to DisplayPort adapter

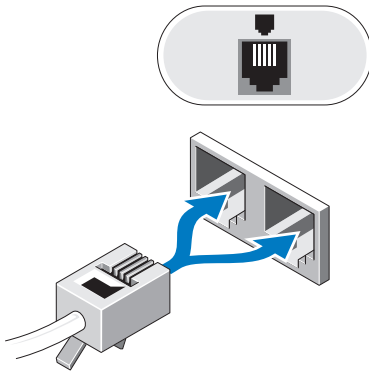**g** The VGA cable to DisplayPort Adapter

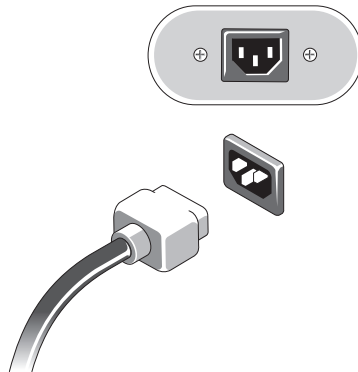**2** Connect the USB keyboard or mouse (optional).

3 Connect the network cable (optional).
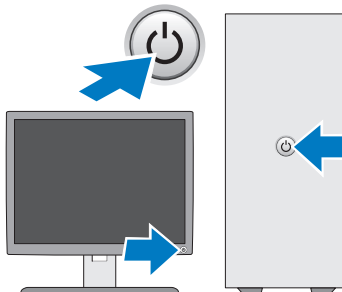

4 Connect the modem (optional).

5 Connect the power cable(s).

6 Press the power buttons on the monitor and the 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 w/ICH10DO

Processor	
Processor	Intel Core™2 Duo, Intel Core 2 Quad, Intel Pentium® Dual Core, and Intel Celeron®

Video	
Video type:	
Integrated	Intel integrated video
Discrete	PCI Express x16 graphics adapter
	NOTE: The PCI Express x16 slot is disabled when a display is connected to the integrated DisplayPort connector.
Video memory:	
Integrated	Up to 256 MB shared video memory (system memory greater than 512 MB)

Memory	
Memory module connector	Four DIMM slots
Memory module capacity	1 GB, 2 GB, or 4 GB
Type	1066 MHz DDR3 SDRAM (non-ECC only)
Minimum memory	1 GB
Maximum memory	16 GB

Drives	
Externally accessible:	
5.25-inch drive bays	Mini-Tower — two
	Desktop — one
5.25-inch slimline bay	Small Form Factor — one
3.5-inch drive bay	Mini-Tower and Desktop — one
3.5-inch slimline bay	Small Form Factor — one

Drives *(continued)*

Internally accessible:

3.5-inch SATA drive bays	Mini-Tower — two
	Desktop and Small Form Factor — one

Available devices:

2.5-inch SATA hard drive (with brackets)	Mini-Tower, Desktop, and Small Form Factor — two
3.5-inch SATA hard drive	Mini-Tower — two
	Desktop and Small Form Factor — one
19-in-1 Media Card Reader	Mini-Tower and Desktop — one
	Small Form Factor — one (slimline drive)
5.25-inch SATA DVD-ROM, DVD+/-RW, or DVD/CDRW combo drive	Mini-Tower — two
	Desktop — one
	Small Form Factor — one (slimline drive)

Control Lights and Diagnostic Lights

Power button light	Green light — Solid green light indicates power-on state; blinking green 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	Green light — Blinking green light indicates that the computer is reading data from or writing data to the hard drive.
Network connectivity light	Green 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.
Diagnostic lights	Four lights located on the front panel of the computer. For more information on the diagnostic lights, see the *Service Manual* available on the Dell Support website at **support.dell.com/manuals**.

Power	
Wattage	Mini-Tower — 305 W (non-EPA) or 255 W (EPA)
	Desktop — 255 W
	Small Form Factor — 235 W
Maximum heat dissipation	Mini-Tower — 1041 BTU/hr
	Desktop — 955 BTU/hr
	Small Form Factor — 938 BTU/hr

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

Voltage (see the safety information that shipped with your computer for important voltage–setting information)	Mini-Tower — 90–265 VAC, 50/60 Hz
	Desktop — 90–265 VAC, 50/60 Hz
	Small Form Factor — 90–265 VAC, 50/60 Hz
Coin-cell battery	3V CR2032 lithium coin cell

Physical	
Height	Mini-Tower — 40.80 cm (16.10 inches)
	Desktop — 11.40 cm (4.50 inches)
	Small Form Factor — 9.26 cm (3.65 inches)
Width	Mini-Tower — 18.70 cm (7.40 inches)
	Desktop — 39.90 cm (15.70 inches)
	Small Form Factor — 31.40 cm (12.40 inches)
Depth	Mini-Tower — 43.30 cm (17.00 inches)
	Desktop — 35.30 cm (13.90 inches)
	Small Form Factor — 34.00 cm (13.40 inches)
Weight	Mini-Tower — 11.70 kgs (25.80 lbs)
	Desktop — 8.26 kgs (18.20 lbs)
	Small Form Factor — 6.80 kgs (15.00 lbs)

Environmental	
Temperature:	
Operating	10 °C to 35 °C (50 °F to 95 °F)
Storage	–40 °C to 65 °C (–40 °F to 149 °F)
Relative humidity	20% to 80% (noncondensing)

Environmental *(continued)*

Altitude:	
Operating	–15.2 m to 3048 m (–50 ft to 10,000 ft)
Storage	–15.2 m to 10,668 m (–50 ft 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:	See:
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	The safety and regulatory documents that shipped with your computer and the Regulatory Compliance Homepage at **www.dell.com/regulatory_compliance**.