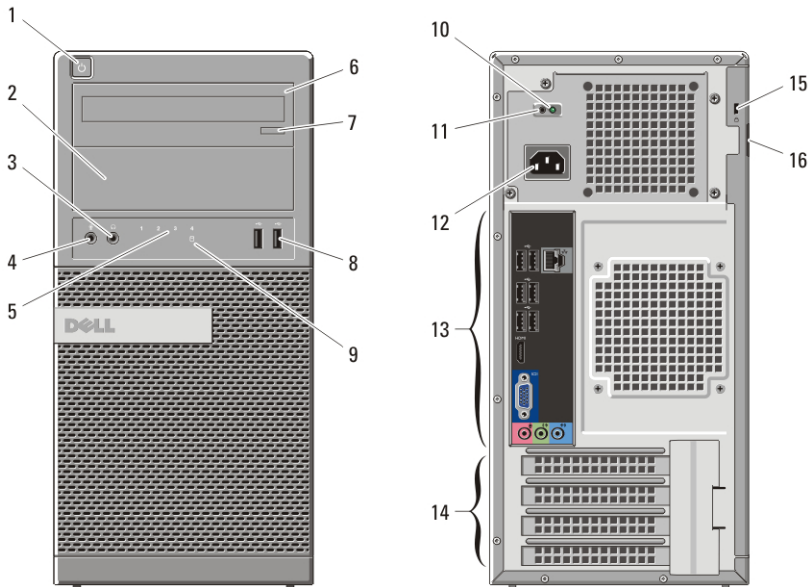# Dell Optiplex 390
Setup And Features Information

About Warnings

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

Mini-Tower — Front And Back View

Figure 1. Front And Back View Of Mini-Tower

1. power button
2. optical drive bay
3. headphone connector
4. microphone connector
5. diagnostic lights (4)
6. optical drive
7. optical drive eject button
8. USB 2.0 connectors (2)
9. hard-drive activity light
10. power-supply diagnostic light
11. power-supply diagnostic button
12. power cable connector

0GVJ7WA01

13. back panel connectors
14. expansion card slots (4)
15. security cable slot
16. padlock ring

Desktop — Front And Back View
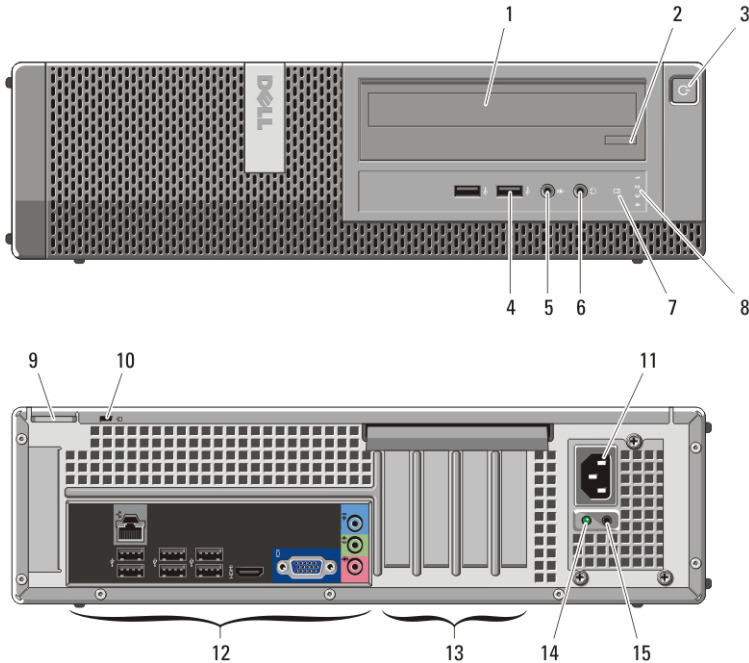

Figure 2. Front And Back View Of Desktop

1. optical drive
2. optical drive eject button
3. power button
4. USB 2.0 connectors (2)
5. microphone connector
6. headphone connector
7. hard-drive activity light
8. diagnostic lights (4)
9. padlock ring
10. security cable slot
11. power cable connector
12. back panel connectors
13. expansion card slots (4)
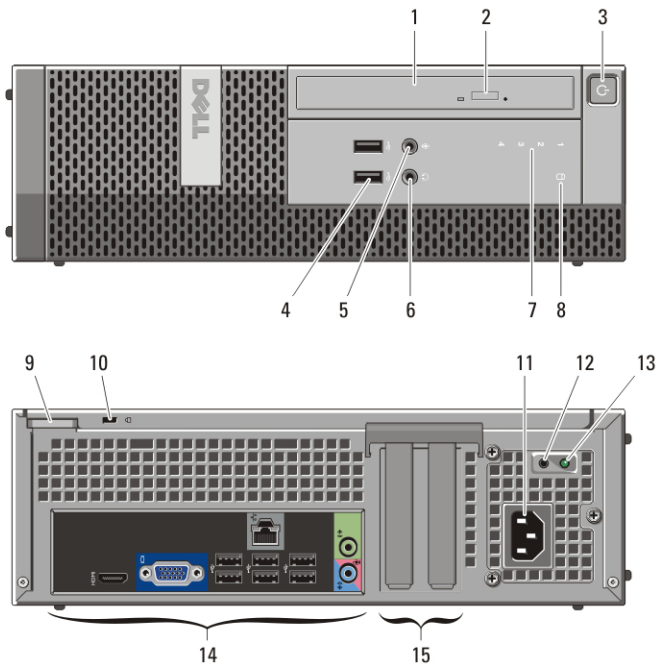14. power-supply diagnostic light
15. power-supply diagnostic button

Mini-Tower And Desktop — Back Panel
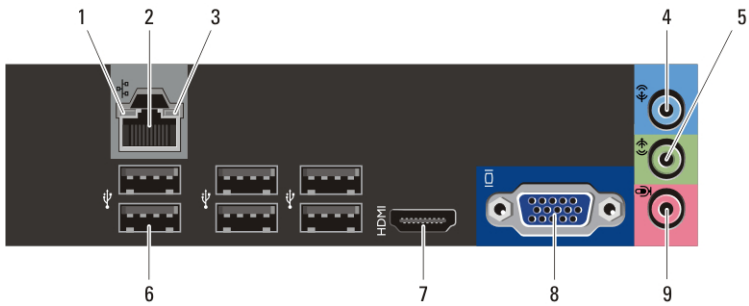
Figure 3. Back Panel View of Mini-Tower And Desktop

1. link integrity light
2. network connector
3. network activity light
4. line-in connector
5. line-out connector
6. USB 2.0 connectors (6)
7. HDMI connector
8. VGA connector
9. microphone connector

Small Form Factor — Front And Back View

Figure 4. Front And Back View Of Small Form Factor

1. optical drive
2. optical drive eject button
3. power button
4. USB 2.0 connectors (2)
5. microphone connector
6. headphone connector
7. diagnostic lights (4)
8. hard-drive activity light
9. padlock ring
10. security cable slot
11. power cable connector
12. power-supply diagnostic button
13. power-supply diagnostic light
14. back panel connectors
15. expansion card slots (2)

Small Form Factor — Back Panel
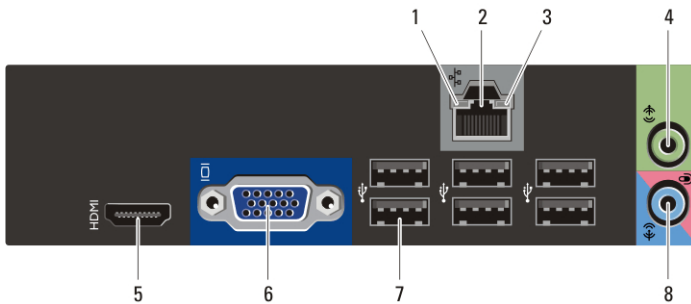
Figure 5. Back Panel View of Small Form Factor

1. link integrity light
2. network connector
3. network activity light
4. line-out connector

5. HDMI connector
6. VGA connector
7. USB 2.0 connectors (6)
8. line-in/microphone 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.

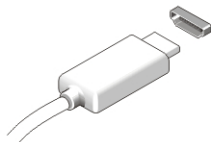1. Connect the monitor using only one of the following cables:
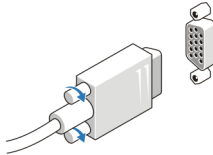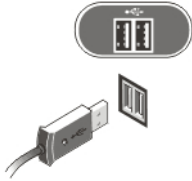

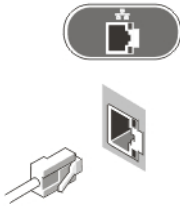**Figure 6. HDMI Connector**

Figure 7. VGA Connector

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

Figure 8. USB Connection

3. Connect the network cable (optional).

Figure 9. Network Connection

4. Connect the power cable(s).

Figure 10. Connecting Power

5. Press the power buttons on the monitor and the computer.

Figure 11. Power Button

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 H61 Express Chipset
Processor	• Intel Core i3 Series • Intel Core i5 Series

Video	
Video type:	
Integrated	Intel HD graphics 2000
Discrete	• AMD Radeon HD 6350 • AMD Radeon HD 6450
Video memory:	
Integrated	up to 1.7 GB shared video memory (Microsoft Windows Vista and Windows 7)
Discrete	up to 1 GB

Memory	
Memory module connector	two DIMM slots
Memory module capacity	1 GB, 2 GB, and 4 GB
Memory type	DDR3 with 1333 MHz

Memory

Minimum memory	1 GB
Maximum memory	8 GB

Drives	Mini-Tower	Desktop	Small Form Factor
Externally accessible:			
5.25 inch drive bays	two	one	one (slimline)
Internally accessible:			
3.5 inch drive bays	two	one	one

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	Blue light — Blinking blue light indicates that the computer is reading data from or writing data to the hard drive.
Diagnostic lights	Four lights located on the front panel of the computer. For more information on the diagnostic lights, see the *Service Manual* at **support.dell.com/manuals**.

Back of computer:

Power supply light	Green light — 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.

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

Power

Coin-cell battery	3 V CR2032 lithium coin cell
Voltage	
Mini-Tower	100 VAC to 240 VAC, 50 Hz to 60 Hz, 5.0 A
Desktop	100 VAC to 240 VAC, 50 Hz to 60 Hz, 4.4 A
Small Form Factor	100 VAC to 240 VAC, 50 Hz to 60 Hz, 3.6 A/4.0 A
Wattage	
Mini-Tower	265 W
Desktop	250 W
Small Form Factor	240 W
Maximum heat dissipation	
Mini-Tower	1390 BTU/hr
Desktop	1312 BTU/hr
Small Form Factor	1259 BTU/hr

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

NOTE: The voltage selector switch is available only on non-EPA power supplies.

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

Physical	Mini-Tower	Desktop	Small Form Factor
Height	360.00 mm (14.17 inches)	360.00 mm (14.17 inches)	290.00 mm (11.42 inches)
Width	175.00 mm (6.89 inches)	102.00 mm (4.01 inches)	92.60 mm (3.64 inches)
Depth	417.00 mm (16.42 inches)	410.00 mm (16.14 inches)	312.00 mm (12.28 inches)
Weight (Minimum)	8.87 kg (19.55 lb)	7.56 kg (16.67 lb)	5.70 kg (12.57 lb)

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)
Altitude:	
Operating	-15.20 m to 3048 m (-50 ft to 10,000 ft)
Storage	-15.20 m to 10,668 m (-50 ft to 35,000 ft)
Airborne contaminant level	G1 as defined by ISA-S71.04–1985

Finding More Information and Resources

See the safety and regulatory documents that shipped with your computer and the regulatory compliance website at **www.dell.com/ regulatory_complianc**e for more information on:

- Safety best practices
- Regulatory certification
- Ergonomics

See **www.dell.com** for additional information on:

- Warranty
- Terms and Conditions (U.S. only)
- End User License Agreement

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