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

**Mini Tower — Front And Back View**

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

Figure 1. Front And Back View Of Mini Tower
Desktop — Front And Back View

Figure 2. Front And Back View Of Desktop

1. optical drive
2. optical-drive eject button
3. power button, power light
4. USB 2.0 connectors (4)
5. microphone connector
6. headphone connector
7. drive activity light
8. diagnostic lights (4)

9. padlock ring
10. security-cable slot
11. power connector
12. back panel connectors
13. expansion-card slots (4)
14. power supply diagnostic light
15. power supply diagnostic button
Small Form Factor — Front And Back View

![Diagram of Small Form Factor](image)

Figure 3. Front And Back View Of Small Form Factor

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

Figure 4. Front And Back View Of Ultra Small Form Factor

1. optical drive
2. optical-drive eject button
3. power button, power light
4. drive activity light
5. diagnostic lights (4)
6. headphone connector
7. microphone connector
8. USB 2.0 connectors (2)
9. Wi-Fi antenna (optional)
10. network activity light
11. captive thumbscrew
12. padlock ring
13. security-cable slot
14. power connector
15. line-out connector
16. line-in/microphone connector
17. DisplayPort connector
18. VGA connector
19. serial connector
20. USB 2.0 connectors (5)
21. network connector
22. link integrity light
Mini Tower And Desktop — Back Panel

Figure 5. Back Panel View of Mini Tower And Desktop

1. mouse connector
2. link integrity light
3. network connector
4. network activity light
5. serial connector
6. line-out connector
7. keyboard connector
8. USB 2.0 connectors (6)
9. DisplayPort connector
10. VGA connector
11. line-in/microphone connector

Small Form Factor — Back Panel

Figure 6. Back Panel View Of Small Form Factor

1. mouse connector
2. serial connector
3. link integrity light
4. network connector
5. network activity light
6. line-out connector
7. keyboard connector
8. DisplayPort connector
9. VGA connector
10. USB 2.0 connectors (6)
11. 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 7. DVI Cable

   Figure 8. DisplayPort Cable

   Figure 9. VGA To DVI Adapter

   Figure 10. DVI 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](http://support.dell.com).

**System Information**

<table>
<thead>
<tr>
<th>Chipset</th>
<th>Intel 6 Series Express chipset</th>
</tr>
</thead>
</table>

**Processor**

- Intel Core i3 series
- Intel Core i5 series
- Intel Core i7 series

**Video**

- Integrated
  - Intel HD Graphics (with Intel Celeron/Pentium-class CPU-GPU combo)
  - Intel HD Graphics 2000 (with Intel Core i3 DC 65 W and Intel Core i5/i7 QC vPRO 95 W-class CPU-GPU combo)
### Video

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discrete</td>
<td>PCI Express x 16 graphics adapter</td>
</tr>
<tr>
<td>Integrated video memory</td>
<td>up to 1.7 GB shared video memory (Microsoft Windows Vista and Windows 7)</td>
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</tbody>
</table>

### Memory

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory module connector:</td>
<td>Desktop, Mini Tower, Small Form Factor: four DIMM slots</td>
</tr>
<tr>
<td></td>
<td>Ultra Small Form Factor: two DIMM slots</td>
</tr>
<tr>
<td>Memory module capacity</td>
<td>1 GB, 2 GB, and 4 GB</td>
</tr>
<tr>
<td>Type</td>
<td>DDR3 with 1333 MHz</td>
</tr>
<tr>
<td>Minimum memory</td>
<td>1 GB</td>
</tr>
<tr>
<td>Maximum memory:</td>
<td>Desktop, Mini Tower, Small Form Factor: 16 GB</td>
</tr>
<tr>
<td></td>
<td>Ultra Small Form Factor: 8 GB</td>
</tr>
</tbody>
</table>

### Drives

<table>
<thead>
<tr>
<th>Feature</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Externally accessible:</td>
<td>5.25 inch drive bays:</td>
</tr>
<tr>
<td></td>
<td>• Mini Tower — two</td>
</tr>
<tr>
<td></td>
<td>• Desktop — one</td>
</tr>
<tr>
<td></td>
<td>• Small Form Factor — one slim optical drive bay</td>
</tr>
<tr>
<td></td>
<td>• Ultra Small Form Factor — one slim optical drive bay</td>
</tr>
<tr>
<td>Internally accessible:</td>
<td>3.5 inch SATA drive bays:</td>
</tr>
<tr>
<td></td>
<td>• Mini Tower — two</td>
</tr>
<tr>
<td></td>
<td>• Desktop — one</td>
</tr>
<tr>
<td></td>
<td>• Small Form Factor — one</td>
</tr>
<tr>
<td></td>
<td>• Ultra Small Form Factor — none</td>
</tr>
</tbody>
</table>
Drives

2.5 inch SATA drive bays
• Mini Tower — two
• Desktop — one
• Small Form Factor — one
• Ultra Small Form Factor — 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 test button. When the system power supply voltage is within specification, the self-test LED lights up. 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; 100 VAC to 240 VAC, 50 Hz to 60 Hz, 4.0 A
• Ultra Small Form Factor — 100 VAC to 240 VAC, 50 Hz to 60 Hz, 2.9 A

Wattage

• Mini Tower — 265 W
• Desktop — 250 W
• Small Form Factor — 240 W
• Ultra Small Form Factor — 200 W

Maximum heat dissipation

• Mini Tower — 1390 BTU/hr
• Desktop — 1312 BTU/hr
• Small Form Factor — 1259 BTU/hr
• Ultra Small Form Factor — 758 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

Height

• Mini Tower — 36.00 cm (14.17 inches)
• Desktop — 36.00 cm (14.17 inches)
• Small Form Factor — 29.00 cm (11.42 inches)
• Ultra Small Form Factor — 23.70 cm (9.33 inches)

Width

• Mini Tower — 17.50 cm (6.89 inches)
• Desktop — 10.20 cm (4.01 inches)
• Small Form Factor — 9.26 cm (3.65 inches)
• Ultra Small Form Factor — 6.50 cm (2.56 inches)
### Physical

**Depth**
- Mini Tower — 41.70 cm (16.42 inches)
- Desktop — 41.00 cm (16.14 inches)
- Small Form Factor — 31.20 cm (12.28 inches)
- Ultra Small Form Factor — 24.00 cm (9.45 inches)

**Weight (Minimum)**
- Mini Tower — 8.87 kg (19.55 lb)
- Desktop — 7.56 kg (16.67 lb)
- Small Form Factor — 5.70 kg (12.57 lb)
- Ultra Small Form Factor — 3.27 kg (7.20 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** −15.2 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

See the safety and regulatory documents that shipped with your computer and the regulatory compliance website at www.dell.com/regulatory_compliance 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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