1 **Media-card reader light**
   Turns on when the media-card reader is in use.

2 **Media-card reader**
   Reads from and writes to media cards.

3 **Optical-drive bays (2)**
   Allows to install optical drives if not already installed.

4 **USB 3.0 ports (2)**
   Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps.

5 **Optical-drive eject buttons (2)**
   Press to open or close the optical drive tray.
1 **Power port**
Connect a power cable to provide power to your computer.

2 **Network port**
Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.
The two lights next to the connector indicate the connectivity status and network activity.

3 **USB 2.0 ports (2)**
Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps.

4 **DisplayPort**
Connect to a DisplayPort on monitor or projector. Provides video and audio output.

5 **HDMI port**
Connect a TV or another HDMI-in enabled device. Provides video and audio output.

6 **USB 3.0 ports (4)**
Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps.

7 **Audio ports (6)**
Connect speakers.

8 **Expansion-card slots (4)**
Provide access to connectors on installed PCI Express cards.

9 **Security-cable slot**
Connect a security cable to prevent unauthorized movement of your computer.

10 **Padlock rings**
Attach a padlock to prevent unauthorized access to the interior of your computer.
1 **USB 2.0 port with PowerShare**
Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps. PowerShare allows you to charge your USB devices even when your computer is turned off.

**NOTE:** If your computer is powered off or in hibernate state, you must connect the power adapter to charge your devices using the PowerShare port. You must enable this feature in BIOS setup program.

2 **USB 2.0 port**
Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps.

3 **Microphone port**
Connect an external microphone for recording sound, making audio calls, making video calls, and so on.

4 **Headphone port**
Connect a pair of headphones or speakers.

5 **Accessory tray**
Place accessories such as headphones, USB devices, and so on.

6 **Power button**
Press to turn on the computer if it is turned off or in sleep state. Press to put the computer in sleep state if it is turned on. Press and hold for 4 seconds to force shut-down the computer.

**NOTE:** Certain USB devices may not charge when the computer is powered off or in sleep state. In such cases, turn on the computer to charge the device.

**NOTE:** You can customize the power-button behaviour in Power Options. For more information, see [Me and My Dell](www.dell.com/support/manuals).
## Specifications

### Dimensions and weight

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>406.80 mm (16 in)</td>
</tr>
<tr>
<td>Width</td>
<td>185.34 mm (7.3 in)</td>
</tr>
<tr>
<td>Depth</td>
<td>444.26 mm (17.5 in)</td>
</tr>
<tr>
<td>Weight (maximum)</td>
<td>13.3 kg (29.3 lb)</td>
</tr>
</tbody>
</table>

**NOTE:** The weight of your desktop varies depending on the configuration ordered and the manufacturing variability.
### System information

<table>
<thead>
<tr>
<th>Computer model</th>
<th>XPS 8900</th>
</tr>
</thead>
</table>
| Processor        | • 6<sup>th</sup> Generation Intel Core i5 Processor  
                    • 6<sup>th</sup> Generation Intel Core i7 Processor |
| Chipset          | Intel Z170                |
## Specifications

### Memory

<table>
<thead>
<tr>
<th>Slot</th>
<th>Four DIMM slots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>DDR4</td>
</tr>
<tr>
<td>Speed</td>
<td>2133 MHz</td>
</tr>
<tr>
<td>Configurations supported</td>
<td>8 GB, 16 GB, 24 GB, 32 GB, and 64 GB</td>
</tr>
</tbody>
</table>
# Specifications

## Ports and connectors

<table>
<thead>
<tr>
<th>Back-panel ports:</th>
<th>Top-panel ports:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network</strong></td>
<td><strong>USB</strong></td>
</tr>
<tr>
<td>One RJ45 port</td>
<td>• One USB 2.0 port with PowerShare</td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td>• One USB 2.0 port</td>
</tr>
<tr>
<td>• Two USB 2.0 ports</td>
<td>• One USB 2.0 port</td>
</tr>
<tr>
<td>• Four USB 3.0 ports</td>
<td>• One M.2 card slot for SSD</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td><strong>M.2 card</strong></td>
</tr>
<tr>
<td>• One subwoofer port</td>
<td>• One M.2 card slot for Wi-Fi and Bluetooth combo card</td>
</tr>
<tr>
<td>• One line-in port</td>
<td>• One M.2 card slot</td>
</tr>
<tr>
<td>• One line-out port</td>
<td>• One PCIe x4 card slot</td>
</tr>
<tr>
<td>• One microphone port</td>
<td>• One PCIe x16 card slot</td>
</tr>
<tr>
<td>• One rear-surround out port</td>
<td>• One PCIe x16 card slot (x4 wire)</td>
</tr>
<tr>
<td>• One side-surround sound port</td>
<td></td>
</tr>
<tr>
<td><strong>Video</strong></td>
<td><strong>PCle card</strong></td>
</tr>
<tr>
<td>• One HDMI port</td>
<td>• One PCIe x4 card slot</td>
</tr>
<tr>
<td>• One DisplayPort</td>
<td>• One PCIe x16 card slot</td>
</tr>
<tr>
<td><strong>Front-panel ports:</strong></td>
<td><strong>Audio</strong></td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td>• One microphone port</td>
</tr>
<tr>
<td>Two USB 3.0 ports</td>
<td>• One headphone port</td>
</tr>
</tbody>
</table>

## System information

- Memory
- Ports and connectors
- Dimensions and weight
- Storage
- Media-card reader
- Computer environment
- Power ratings
- Communications
- Video
- Audio
- Computer environment

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## Communications

<table>
<thead>
<tr>
<th>Ethernet</th>
<th>10/100/1000 Mbps Ethernet controller integrated on system board</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless</td>
<td>• Wi-Fi 802.11b/g/n</td>
</tr>
<tr>
<td></td>
<td>• Wi-Fi 802.11ac</td>
</tr>
<tr>
<td></td>
<td>• Bluetooth 4.0</td>
</tr>
</tbody>
</table>
## Video

**Controller:**

<table>
<thead>
<tr>
<th>Integrated</th>
<th>Intel HD Graphics 530</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discrete</td>
<td>• NVIDIA GT 730</td>
</tr>
<tr>
<td></td>
<td>• NVIDIA GTX 745</td>
</tr>
<tr>
<td></td>
<td>• NVIDIA GTX 750 Ti</td>
</tr>
<tr>
<td></td>
<td>• NVIDIA GTX 960</td>
</tr>
<tr>
<td></td>
<td>• AMD Radeon R9 370</td>
</tr>
</tbody>
</table>

**Memory:**

<table>
<thead>
<tr>
<th>Integrated</th>
<th>Shared system memory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discrete</td>
<td>Up to 4 GB GDDR5</td>
</tr>
</tbody>
</table>
Audio

Controller: Integrated 7.1 channel Realtek ALC3861 High Definition Audio with Waves MaxxAudio Pro
### Storage

| Interface          | • SATA 3 Gbps for optical drive  
|                   | • SATA 6 Gbps for hard drive  
|                   | • M.2 for SSD                  |
| Hard drives        | Three 3.5-inch hard drives      |
| Solid-state drive (SSD) | One M.2 slot                   |
| Optical drive (optional) | Two 5.25-inch DVD+/-RW and Blu-ray disc writer |
## Media-card reader

<table>
<thead>
<tr>
<th>Type</th>
<th>One 19-in-1 slot</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cards supported</td>
<td>• Compact Flash I, II</td>
<td>• Secure Digital Extended Capacity (SDXC)</td>
</tr>
<tr>
<td></td>
<td>• Compact Flash MD</td>
<td>• Memory Stick (MS)</td>
</tr>
<tr>
<td></td>
<td>• Secure Digital (SD)</td>
<td>• Memory Stick Pro</td>
</tr>
<tr>
<td></td>
<td>• Secure Digital mini SD</td>
<td>• Memory Stick Duo</td>
</tr>
<tr>
<td></td>
<td>• Secure Digital HC Class 2, 4, 6</td>
<td>• Memory Stick Pro Duo</td>
</tr>
<tr>
<td></td>
<td>• MultiMedia Card (MMC)</td>
<td>• Memory Stick Duo</td>
</tr>
<tr>
<td></td>
<td>• MultiMedia Card Plus (MMC+)</td>
<td>• Memory Stick Pro-HG Duo</td>
</tr>
<tr>
<td></td>
<td>• RS MMC</td>
<td>• Memory Stick XC</td>
</tr>
<tr>
<td></td>
<td>• MultiMedia Card (MMC) Mobile</td>
<td>• Smart Media Card xD</td>
</tr>
</tbody>
</table>

- **Media-card reader**
  - Type: One 19-in-1 slot
  - Cards supported:
    - Compact Flash I, II
    - Compact Flash MD
    - Secure Digital (SD)
    - Secure Digital mini SD
    - Secure Digital HC Class 2, 4, 6
    - MultiMedia Card (MMC)
    - MultiMedia Card Plus (MMC+)
    - RS MMC
    - MultiMedia Card (MMC) Mobile
  - Memory stick supported:
    - Secure Digital Extended Capacity (SDXC)
    - Memory Stick (MS)
    - Memory Stick Pro
    - Memory Stick Duo
    - Memory Stick Pro Duo
    - Memory Stick Pro-HG Duo
    - Memory Stick XC
    - Smart Media Card xD
### Power ratings

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage</td>
<td>100 VAC–240 VAC</td>
</tr>
<tr>
<td>Input frequency</td>
<td>50 Hz–60 Hz</td>
</tr>
<tr>
<td>Input current (maximum)</td>
<td>8.0 A</td>
</tr>
</tbody>
</table>
## Computer environment

<table>
<thead>
<tr>
<th>Specification</th>
<th>Operating</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airborne contaminant level</td>
<td>G2 or lower as defined by ISA-S71.04-1985</td>
<td></td>
</tr>
<tr>
<td>Relative humidity (maximum)</td>
<td>20% to 80% (noncondensing)</td>
<td></td>
</tr>
<tr>
<td>Temperature range</td>
<td>10°C to 35°C (50°C to 95°F)</td>
<td>−40°C to 65°C (−40°F to 149°F)</td>
</tr>
<tr>
<td>Vibration (maximum)*</td>
<td>0.25 GRMS</td>
<td>2.20 GRMS</td>
</tr>
<tr>
<td>Shock (maximum)</td>
<td>40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s)†</td>
<td>50 G for 26 ms with a change in velocity of 320 in/s (813 cm/s)‡</td>
</tr>
<tr>
<td>Altitude (maximum)</td>
<td>−15.24 m to 3048 m (−50 ft to 10,000 ft)</td>
<td>−15.24 m to 10,668 m (−50 ft to 35,000 ft)</td>
</tr>
</tbody>
</table>

* Measured using a random vibration spectrum that simulates user environment.
† Measured using a 2 ms half-sine pulse when the hard drive is in use.
‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.