



# XPS 8900



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2016 - 04 Rev. A01

Regulatory model: D14M | Type: D14M002

Computer model: XPS 8900

**NOTE:** The images in this document may differ from your computer depending on the configuration you ordered.



# Views



Front

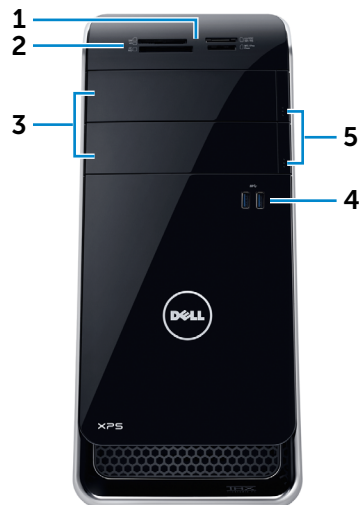


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Top

## Front



**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.



Front

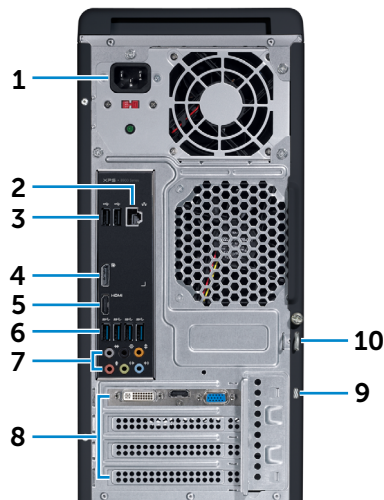


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Top

## Back



### 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.



Front

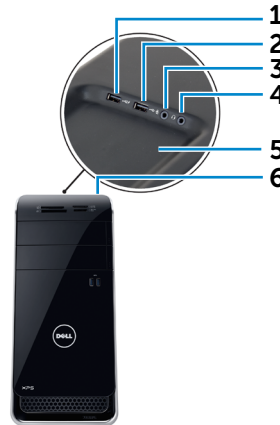


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Top

## Top



### 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.

**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.

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

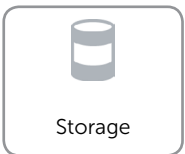
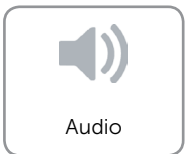
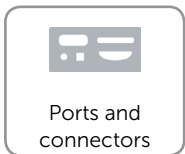
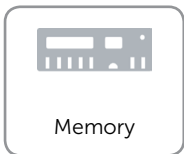


# Specifications

## Dimensions and weight

Height	406.80 mm (16 in)
Width	185.34 mm (7.3 in)
Depth	444.26 mm (17.5 in)
Weight (maximum)	13.3 kg (29.3 lb)

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






# Specifications

## System information


Computer model	XPS 8900
Processor	<ul style="list-style-type: none"><li>6<sup>th</sup> Generation Intel Core i5 Processor</li><li>6<sup>th</sup> Generation Intel Core i7 Processor</li></ul>
Chipset	Intel Z170



Dimensions and weight



System information



Memory




Ports and connectors



Communications



Video




Audio



Storage



Media-card reader



Power ratings




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# Specifications

## Memory


Slot	Four DIMM slots
Type	DDR4
Speed	2133 MHz
Configurations supported	8 GB, 16 GB, 24 GB, 32 GB, and 64 GB



Dimensions and weight



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# Specifications

## Ports and connectors

### Back-panel ports:

Network	One RJ45 port
USB	<ul style="list-style-type: none"><li>• Two USB 2.0 ports</li><li>• Four USB 3.0 ports</li></ul>
Audio	<ul style="list-style-type: none"><li>• One subwoofer port</li><li>• One line-in port</li><li>• One line-out port</li><li>• One microphone port</li><li>• One rear-surround out port</li><li>• One side-surround sound port</li></ul>
Video	<ul style="list-style-type: none"><li>• One HDMI port</li><li>• One DisplayPort</li></ul>

### Front-panel ports:

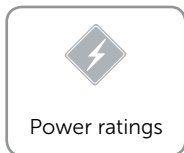
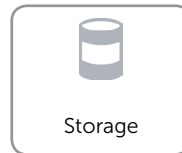
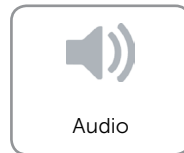
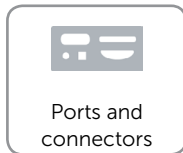
USB	Two USB 3.0 ports
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### Top-panel ports:

USB	<ul style="list-style-type: none"><li>• One USB 2.0 port with PowerShare</li><li>• One USB 2.0 port</li></ul>
Audio	<ul style="list-style-type: none"><li>• One microphone port</li><li>• One headphone port</li></ul>

### Internal connectors:

USB	One USB 2.0 connector
M.2 card	<ul style="list-style-type: none"><li>• One M.2 card slot for Wi-Fi and Bluetooth combo card</li><li>• One M.2 card slot for SSD</li></ul>
PCIe card	<ul style="list-style-type: none"><li>• One PCIe x4 card slot</li><li>• One PCIe x16 card slot</li><li>• One PCIe x16 card slot (x4 wire)</li></ul>








# Specifications

## Communications


Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	<ul style="list-style-type: none"><li>• Wi-Fi 802.11b/g/n</li><li>• Wi-Fi 802.11ac</li><li>• Bluetooth 4.0</li></ul>



Dimensions and weight



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# Specifications

## Video

Controller:


Integrated Intel HD Graphics 530

- Discrete
- NVIDIA GT 730
  - NVIDIA GTX 745
  - NVIDIA GTX 750 Ti
  - NVIDIA GTX 960
  - AMD Radeon R9 370

Memory:

Integrated Shared system memory


Discrete Up to 4 GB GDDR5



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# Specifications

## Audio

Controller

Integrated 7.1 channel Realtek ALC3861 High Definition Audio with Waves MaxxAudio Pro



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# Specifications

## Storage


Interface	<ul style="list-style-type: none"><li>• SATA 3 Gbps for optical drive</li><li>• SATA 6 Gbps for hard drive</li><li>• M.2 for SSD</li></ul>
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



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# Specifications

## Media-card reader


Type	One 19-in-1 slot	
Cards supported	<ul style="list-style-type: none"><li>• Compact Flash I, II</li><li>• Compact Flash MD</li><li>• Secure Digital (SD)</li><li>• Secure Digital mini SD</li><li>• Secure Digital HC Class 2, 4, 6</li><li>• MultiMedia Card (MMC)</li><li>• MultiMedia Card Plus (MMC+)</li><li>• RS MMC</li><li>• MultiMedia Card (MMC) Mobile</li><li>• Secure Digital Extended Capacity (SDXC)</li><li>• Memory Stick (MS)</li><li>• Memory Stick Pro</li><li>• Memory Stick Duo</li><li>• Memory Stick Pro Duo</li><li>• Memory Stick Pro-HG Duo</li><li>• Memory Stick XC</li><li>• Smart Media Card xD</li></ul>	



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# Specifications

## Power ratings


Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	8.0 A




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# Specifications

## Computer environment

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

\* 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.

