

# XPS 8920

## Setup and Specifications

Model computer: XPS 8920  
Reglementare de Model: D24M  
Reglementare de Tip: D24M001



# Note, atenționări și avertismente

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**NOTIFICARE:** O NOTĂ indică informații importante care vă ajută să optimizați utilizarea produsului.



**AVERTIZARE:** O ATENȚIONARE indică un pericol potențial de deteriorare a hardware-ului sau de pierdere de date și vă arată cum să evitați problema.



**AVERTISMENT:** Un AVERTISMENT indică un pericol potențial de deteriorare a bunurilor, de vătămare corporală sau de deces.

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<b>Set up your computer.....</b>	<b>4</b>
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<b>Setting up the Virtual Reality (VR) headset — optional.....</b>	<b>9</b>
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<b>Vederi.....</b>	<b>10</b>
Partea din față.....	10
Back.....	12
Back panel.....	14

<b>Specificații.....</b>	<b>16</b>
Dimensions and weight.....	16
System information.....	16
Memory.....	16
Ports and connectors.....	17
Communications.....	18
Audio.....	18
Storage.....	19
Video.....	19
Power ratings.....	19
Computer Environment.....	20

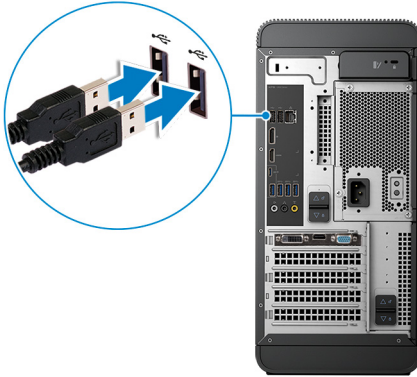
<b>Getting help and contacting Dell.....</b>	<b>21</b>
Self-help resources.....	21
Contacting Dell.....	21



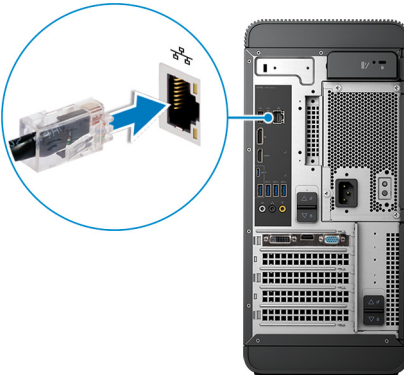
# Set up your computer

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- 1 Connect the keyboard and mouse.




- 2 Connect the network cable-optional.

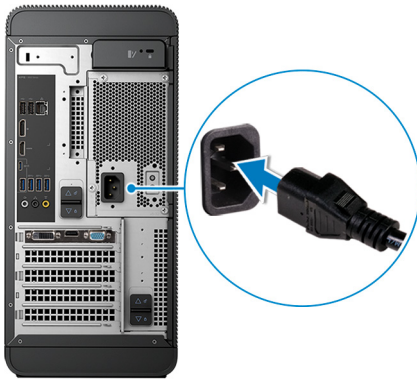


- 3 Connect the display.

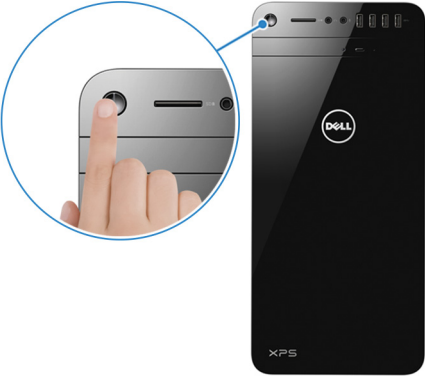


 **NOTIFICARE:** If you ordered your computer with a discrete graphics card, the HDMI and the display ports on the back panel of your computer are covered. Connect the display to the discrete graphics card.

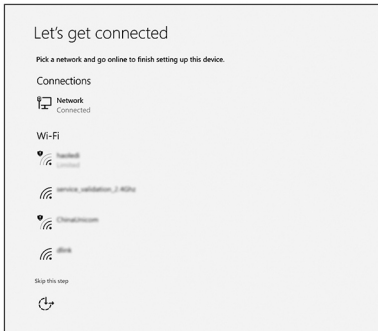
- 4 Connect the power cable.



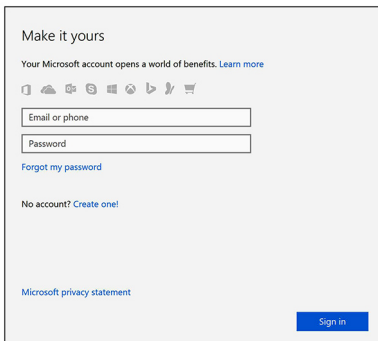
5 Press the power button.



- 6 Follow the instructions on the screen to finish Windows setup:  
a) Connect to a network.



- b) Sign-in to your Microsoft account or create a new account.



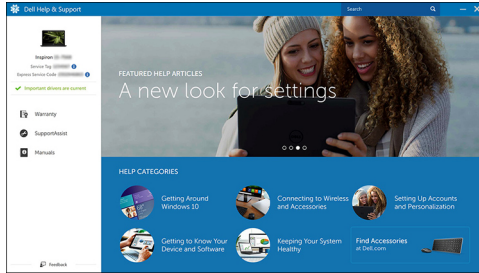
7 Locate Dell apps.

**Table 1. Locate Dell apps**



Register your computer

Dell Help & Support



SupportAssist — Check and update your computer





# Setting up the Virtual Reality (VR) headset — optional

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- 1 Download and run the setup tools for your VR headset at [www.dell.com/VRsupport](http://www.dell.com/VRsupport).
- 2 Connect the VR headset to the USB 3.0 ports on the back of your computer and HDMI port on your computer, when prompted.



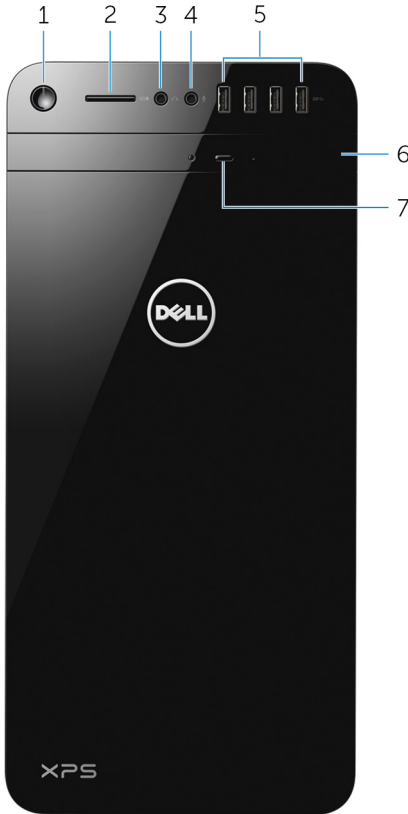
**NOTIFICATION:** Connect the headset to the HDMI port on the discrete graphics card and connect the display to any available port on the card.

- 3 Follow the instructions on the screen to complete the setup.

# Vederi

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## Partea din față



### 1 Buton de alimentare

Apăsați pentru a porni computerul dacă acesta este oprit sau se află în stare de repaus.

Apăsați pentru a închide computerul dacă acesta este pornit.

Țineți apăsat timp de 4 secunde pentru a forța oprirea computerului.



**NOTIFICARE:** Puteți particulariza comportamentul butonului de alimentare în Power Options (Opțiuni de alimentare). Pentru informații suplimentare, consultați *Me and My Dell (Eu și dispozitivul meu Dell)* la adresa [www.dell.com/support](http://www.dell.com/support).

**2 Fantă de cartelă SD**

Citește și scrie pe o cartelă SD.

**3 Port pentru căști**

Conectați o pereche de căști sau de boxe.

**4 Port pentru microfon**

Conectați un microfon extern pentru înregistrare sunet, efectuare de apeluri audio, efectuare de apeluri video etc.

**5 Porturi USB 3.0 (4)**

Conectați dispozitive periferice, cum ar fi dispozitive de stocare, imprimante și altele. Asigură viteze de transfer al datelor de până la 5 Gbps.

**6 Unitatea optică (opțională)**

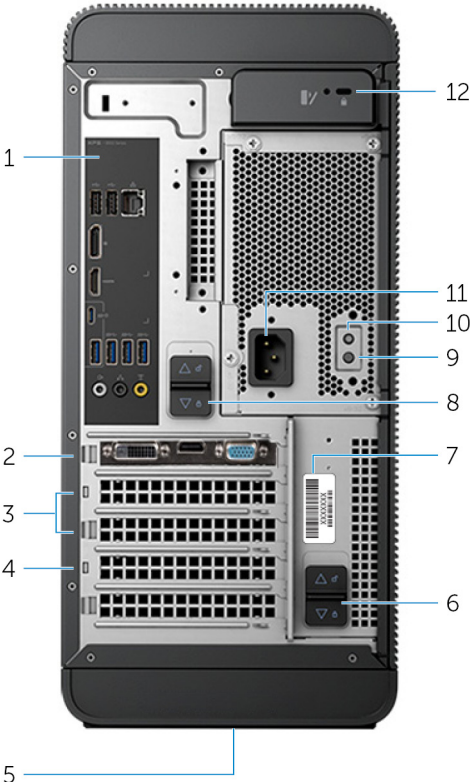
Citește și scrie CD-uri și DVD-uri.

**7 Buton de scoatere a unității optice**

Apăsăți pentru a scoate suportul din unitatea optică.



# Back



1 **Back panel**

Connect USB, audio, video and other devices.

2 **PCI-Express x16 (graphics slot 1)**

Connect a PCI-Express card such as graphics, audio, or network card to enhance the capabilities of your computer.

For optimal graphics performance, use this slot for connecting the graphics card.

3 **PCI-Express x1 slots (2)**

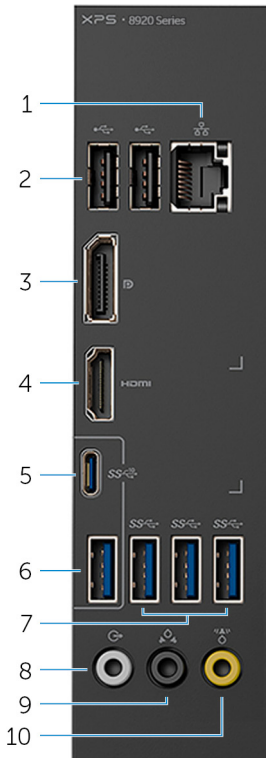
Connect a PCI-Express card such as graphics, audio, or network card to enhance the capabilities of your computer.



- 4 **PCI-Express x4 slot**  
Connect a PCI-Express card such as graphics, audio, or network card to enhance the capabilities of your computer.
- 5 **Regulatory label**  
Contains regulatory information about your computer.
- 6 **Bottom power-supply cage release-latch**  
Allows you to remove the power supply unit from your computer.
- 7 **Service Tag label**  
Provides the Service Tag and Express Service Code needed when contacting Dell.
- 8 **Top power-supply cage release-latch**  
Allows you to remove the power supply unit from your computer.
- 9 **Power supply light**  
Indicates the power-supply state.
- 10 **Power-supply diagnostic button**  
Press to check the power-supply state.
- 11 **Power port**  
Connect a power cable to provide power to your computer.
- 12 **Security-cable slot**  
Connect a security cable to prevent unauthorized movement of your computer.



# Back panel



## 1 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.

## 2 USB 2.0 ports (2)

Connect peripherals such as storage devices and printers. Provides data transfer speeds up to 480 Mbps.

## 3 DisplayPort

Connect an external display or a projector.

 **NOTIFICARE: If you ordered your computer with a discrete graphics card, the DisplayPort on the back panel of your computer is covered. Connect the display to the discrete graphics card of your computer.**

4 **HDMI port**

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

 **NOTIFICARE: If you ordered your computer with a discrete graphics card, the HDMI port on the back panel of your computer is covered. Connect the display to the discrete graphics card of your computer.**

5 **USB 3.1 Type-C port**

Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 10 Gbps.

6 **USB 3.1 port**

Connect peripherals, such as storage devices and printers. Provides data transfer speeds up to 10 Gbps.

7 **USB 3.0 ports (3)**

Connect peripherals such as storage devices and printers. Provides data transfer speeds up to 5 Gbps.

8 **Front L/R surround line-out port**

Connect audio-output devices such as speakers and amplifiers. In a 5.1 speaker channel setup, connect the front-left and front-right speakers.

9 **Rear L/R surround port**

Connect audio-output devices such as speakers and amplifiers. In a 5.1 speaker channel setup, connect the rear-left and rear-right speakers.

10 **Center/subwoofer LFE surround port**

Connect the subwoofer.

 **NOTIFICARE: For more information about the speaker setup, refer to the documentation that shipped with the speakers.**



# Specificații

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## Dimensions and weight

**Tabel 2. Dimensions and weight**

Height	389 mm (15.32 in)
Width	180 mm (7.09 in)
Depth	356 mm (14.02 in)
Weight	10 kg (22 lb)



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

## System information

**Tabel 3. System information**

Computer model	XPS 8920
Processor	<ul style="list-style-type: none"><li>• 7<sup>th</sup> Generation Intel Core i5/i5k</li><li>• 7<sup>th</sup> Generation Intel Core i7/i7k</li></ul>
Chipset	<ul style="list-style-type: none"><li>• Intel H270</li><li>• Intel Z270</li></ul>

## Memory

**Tabel 4. Memory specifications**

Slots	Four DIMM slots
Type	<ul style="list-style-type: none"><li>• UDIMM</li><li>• DDR4</li></ul>



Speed	2400 MHz
Configurations supported	8 GB, 16 GB, 24 GB, 32 and 64 GB

## Ports and connectors

**Table 5. Ports and connectors**

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### Back panel ports:

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Network	One RJ45 port
USB	<ul style="list-style-type: none"> <li>• Two USB 2.0 ports</li> <li>• Three USB 3.0 ports</li> <li>• One USB 3.1 Type-A port</li> <li>• One USB 3.1 Type-C port</li> </ul>
Video/Audio	<ul style="list-style-type: none"> <li>• One Surround Front Stereo port</li> <li>• One Surround Rear Stereo port</li> <li>• One Surround Center/Subwoofer port</li> <li>• One HDMI port for integrated graphics</li> <li>• One DisplayPort for integrated graphics</li> </ul>

**Table 6. Ports and connectors**

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### Front panel ports:

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Audio	<ul style="list-style-type: none"> <li>• One Stereo Headphone jack</li> <li>• One Microphone jack</li> </ul>
USB	Four USB 3.0 ports
Card Reader	<p>One 3-in-1 Card reader, supporting:</p> <ul style="list-style-type: none"> <li>• Secure Digital (SD)</li> <li>• Secure Digital Extended Capacity (SDXC)</li> </ul>



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**Front panel ports:**

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- Secure Digital High Capacity (SDHC) Classes 2,4 and 6

**Table 7. Ports and connectors**

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**Internal ports:**

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PCIe Slots

- One PCIe x16 card slot
- Two PCIe x1 card slots
- One PCIe x4 card slot

M.2 Card

- One M.2 card slot for SSD
- One M.2 card slot for Wi-Fi and Bluetooth combo card

## Communications

**Table 8. Supported communications**

Ethernet

10/100/1000 Mbps Ethernet controller integrated on system board

Wireless

- Wi-Fi 802.11 b/g/n
- Wi-Fi 802.11 ac
- Bluetooth 4.0

## Audio

**Table 9. Audio specifications**

Controller

Integrated Realtek ALC3861 High Definition Audio with Waves MaxxAudio Pro

# Storage

**Tabel 10. Storage options**

Interface	<ul style="list-style-type: none"><li>• SATA 6 Gbps for optical drive</li><li>• SATA 6 Gbps for hard drive</li><li>• M.2 for SSD</li></ul>
Hard drive	Three 3.5-inch hard drives
Solid-state drive	One M.2 slot
Optical drive (optional)	One Slimline DVD+/-RW

# Video

**Tabel 11. Video specifications**

	<b>Integrated</b>	<b>Discrete</b>
Controller	Intel HD Graphics 630	<ul style="list-style-type: none"><li>• NVIDIA GT 730</li><li>• NVIDIA GTX 745</li><li>• NVIDIA GTX 1050 Ti</li><li>• NVIDIA GTX 1070</li><li>• NVIDIA GTX 1080</li><li>• AMD Radeon RX 460</li><li>• AMD Radeon RX 470</li><li>• AMD Radeon RX 480</li></ul>
Memory	Shared system memory	Up to 8 GB GDDR5X

# Power ratings

**Tabel 12. Power ratings**

Type	460 W APFC	460 W Bronze
Input current	8 A	8 A



Output current	3.3V/17A, 5V/25A, 12VA/ 18A, 12VB/16A, 12VC/8A, 5Vaux/3A	3.3V/17A, 5V/25A, 12VA/ 18A, 12VB/16A, 12VC/8A, 5Vaux/3A
Rated output voltage	3.3V, 5V, 12VA, 12VB, 12VC, 5Vaux	3.3V, 5V, 12VA, 12VB, 12VC, 5Vaux
Input voltage	100 VAC–240 VAC	
Input frequency	50 Hz–60 Hz	
Temperature range: Operating	5°C to 50°C (41°F to 122°F)	
Temperature range: Storage	–40°C to 70°C (–40°F to 158°F)	

## Computer Environment

**Airborne contaminant level:** G2 or lower as defined by ISA-S71.04-1985

**Table 13. Computer Environment**

	Operating	Storage
Temperature range	5°C to 35°C (41°F to 95°F)	–40°C to 65°C (–40°F to 149°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)*	0.26 GRMS	1.37 GRMS
Shock (maximum)	40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s)†	105 G for 2 ms with a change in velocity of 52.5 in/s (133 cm/s)‡
Altitude (maximum)	–15.20 m to 3048 m (–50 ft to 10,000 ft)	–15.20 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.

# Getting help and contacting Dell

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## Self-help resources

You can get information and help on Dell products and services using these self-help resources:

### Table 14. Self-help resources

Information about Dell products and services

[www.dell.com](http://www.dell.com)

Dell Help & Support app



Get started app



Accessing help

In Windows search, type **Help** and **Support**, and press Enter.

Online help for operating system

[www.dell.com/support/windows](http://www.dell.com/support/windows)

Troubleshooting information, user manuals, setup instructions, product specifications, technical help blogs, drivers, software updates, and so on.

[www.dell.com/support](http://www.dell.com/support)

Learn about your operating system, setting up and using your computer, data backup, diagnostics, and so on.

See *Me and My Dell* at [www.dell.com/support/manuals](http://www.dell.com/support/manuals).

## Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [www.dell.com/contactdell](http://www.dell.com/contactdell).



**NOTIFICARE: Availability varies by country and product, and some services may not be available in your country.**





**NOTIFICARE:** If you do not have an active internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

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<http://golfingnear.com>

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<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

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