

XPS 8920

Setup and Specifications

Modelo de equipo: XPS 8920
Modelo reglamentario: D24M
Tipo reglamentario: D24M001



Notas, precauciones y avisos



NOTA: Una NOTA indica información importante que le ayuda a hacer un mejor uso de su producto.



PRECAUCIÓN: Una PRECAUCIÓN indica la posibilidad de daños en el hardware o la pérdida de datos, y le explica cómo evitar el problema.



AVISO: Un mensaje de AVISO indica el riesgo de daños materiales, lesiones corporales o incluso la muerte.

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2017 - 01

Rev. A00

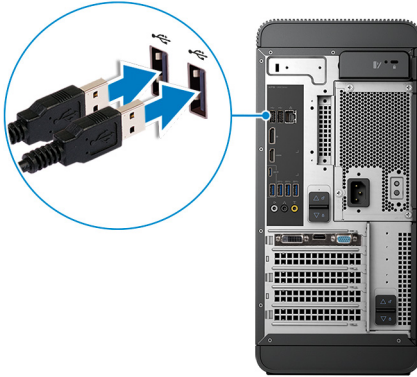
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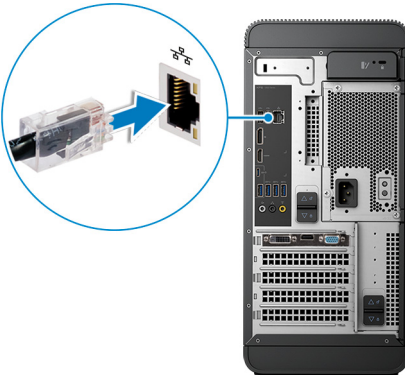


Set up your computer

- 1 Connect the keyboard and mouse.




- 2 Connect the network cable-optional.

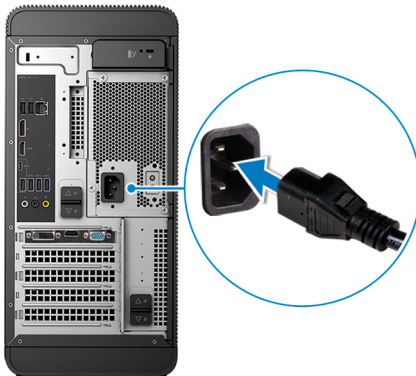


3 Connect the display.

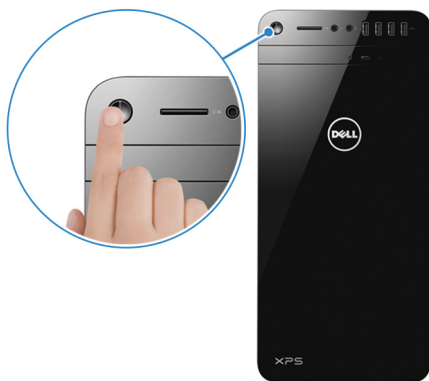


 **NOTA:** If you ordered your computer with a discrete graphics card, the HDMI and the display ports on the back panel of your computer are covered. Connect the display to the discrete graphics card.

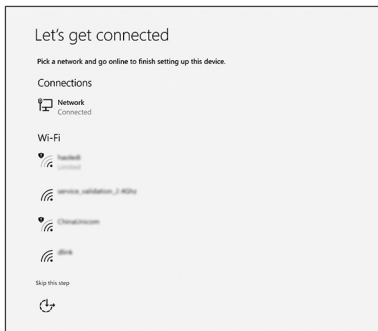
4 Connect the power cable.



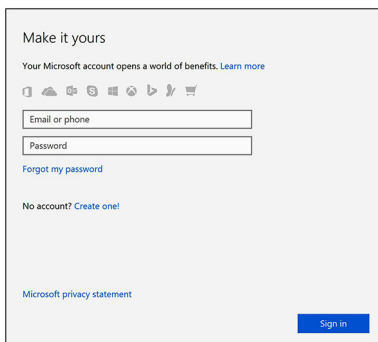
- 5** Press the power button.



- 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.



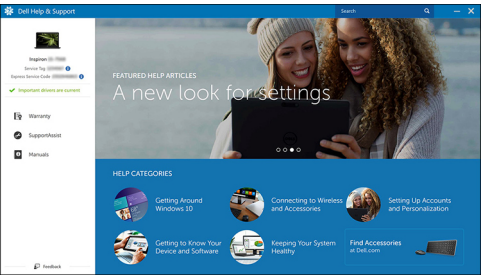
7 Locate Dell apps.

Tabla 1. Locate Dell apps



Register your computer

Dell Help & Support

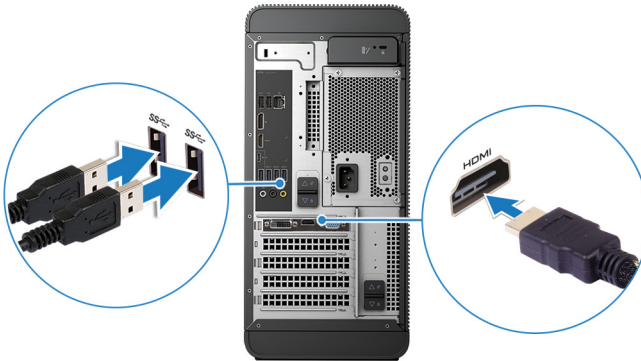


SupportAssist — Check and update your computer



Setting up the Virtual Reality (VR) headset — optional

- 1 Download and run the setup tools for your VR headset at 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.

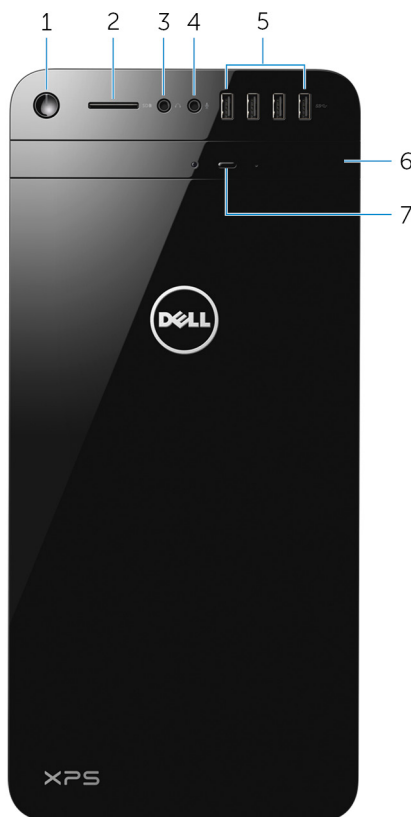


NOTA: Connect the headset to the HDMI port on the discrete graphics card and connect the display to any available port on the card.

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

Vistas

Parte frontal



1 **Botón de encendido**

Presiónelo para encender el equipo si está apagado o en estado de suspensión.

Presione para apagar el equipo si está encendido.

Mantenga presionado durante 4 segundos para forzar el apagado el equipo.



NOTA: Puede personalizar el comportamiento del botón de encendido en las opciones de encendido. Para obtener más información, consulte *Yo y mi Dell* en www.dell.com/support.

2 Ranura para tarjetas SD

Lee de la tarjeta SD y escribe en ella.

3 Puerto para auriculares

Conecte un par de auriculares o altavoces.

4 Puerto para micrófono

Conecte un micrófono externo para grabar audio, realizar llamadas de voz, realizar llamadas de vídeo, etc.

5 Puertos USB 3.0 (4)

Conecte periféricos como dispositivos de almacenamiento, impresoras, etc. Permite la transferencia de datos a una velocidad de hasta 5 Gb/s.

6 Unidad óptica (opcional)

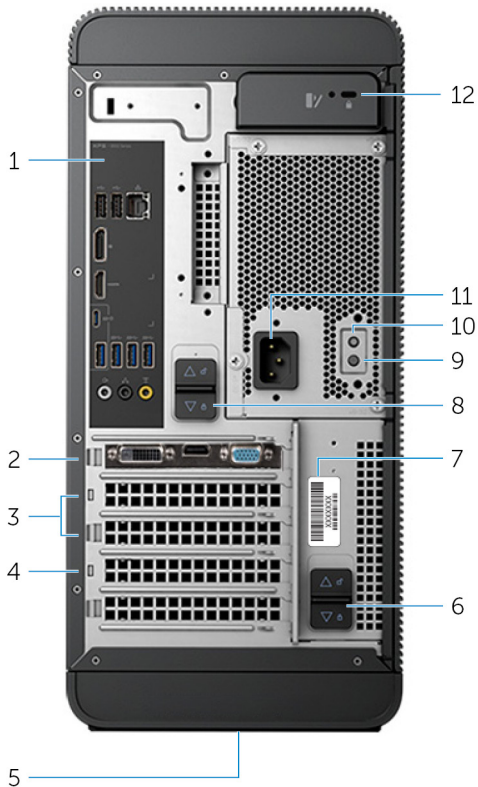
Lee de y escribe en CD y DVD.

7 Botón de expulsión de la unidad óptica

Presione este botón para expulsar el soporte multimedia de la unidad óptica.



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.

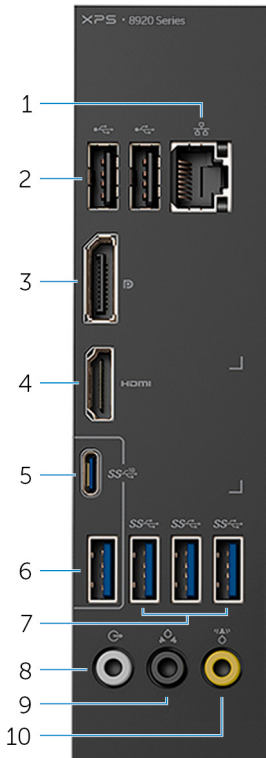
3 PCI-Express x1 slots (2)

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.



NOTA: 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.



NOTA: 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.



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



Especificaciones

Dimensions and weight

Tabla 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)



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

System information

Tabla 3. System information

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

Memory

Tabla 4. Memory specifications

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

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

Ports and connectors

Table 5. Ports and connectors

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

Table 6. Ports and connectors

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



Front panel ports:

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

Table 7. Ports and connectors

Internal ports:

PCIe Slots	<ul style="list-style-type: none">• One PCIe x16 card slot• Two PCIe x1 card slots• One PCIe x4 card slot
M.2 Card	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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
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Storage

Table 10. Storage options

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

Video

Table 11. Video specifications

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

Power ratings

Table 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

Tabla 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.



Obtención de ayuda y contacto con Dell

Recursos de autoayuda

Puede obtener información y ayuda sobre los productos y servicios de Dell mediante el uso de estos recursos de autoayuda en línea:

Tabla 14. Recursos de autoayuda

Información sobre los productos y servicios de Dell	www.dell.com
Aplicación de asistencia y soporte de Dell	
Aplicación de introducción	
Acceso a la ayuda	En la búsqueda de Windows, escriba Ayuda y soporte técnico y pulse Intro.
Ayuda en línea para sistemas operativos	www.dell.com/support/windows
Información sobre solución de problemas, manuales de usuario, instrucciones de configuración, especificaciones del producto, blogs de ayuda técnica, controladores, actualizaciones de software, etc.	www.dell.com/support
Obtenga información sobre el sistema operativo, cómo configurar y utilizar el equipo, copia de seguridad de los datos, los diagnósticos, etc.	Consulte <i>Yo y mi Dell</i> en www.dell.com/support/manuals .



Cómo ponerse en contacto con Dell

Para ponerse en contacto con Dell para tratar cuestiones relacionadas con las ventas, la asistencia técnica o el servicio al cliente, consulte www.dell.com/contactdell.



NOTA: Puesto que la disponibilidad varía en función del país y del producto, es posible que no pueda disponer de algunos servicios en su área.



NOTA: Si no dispone de una conexión a Internet activa, puede encontrar información de contacto en la factura de compra, en el albarán o en el catálogo de productos de Dell.