

# XPS 13

## Setup and Specifications

**Computer Model:** XPS 13-9370  
**Regulatory Model:** P82G  
**Regulatory Type:** P82G001



# Notes, cautions, and warnings

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**NOTE:** A NOTE indicates important information that helps you make better use of your product.



**CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



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

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# Set up your computer

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- 1 Connect the power adapter and press the power button.



**NOTE:** To conserve battery power, the battery might enter power saving mode. Connect the power adapter and press the power button to turn on the computer.



2 Finish operating system setup.

**For Ubuntu:**

Follow the instructions on the screen to finish setup.

**For Windows:**

Follow the on-screen instructions to complete the setup. When setting up, Dell recommends that you:

- Connect to a network for Windows updates.

 **NOTE: If connecting to a secured wireless network, enter the password for the wireless network access when prompted.**

- If connected to the internet, sign-in with or create a Microsoft account. If not connected to the internet, create an offline account.
- On the **Support and Protection** screen, enter your contact details.

3 Locate and use Dell apps from the Windows Start menu—Recommended

**Table 1. Locate Dell apps**



**Dell Product Registration**

Register your computer with Dell.



**Dell Help & Support**

Access help and support for your computer.



**SupportAssist**

Proactively checks the health of your computer's hardware and software.

 **NOTE: Renew or upgrade your warranty by clicking the warranty expiry date in SupportAssist.**



**Dell Update**

Updates your computer with critical fixes and important device drivers as they become available.



**Dell Digital Delivery**

Download software applications including software that is purchased but not pre-installed on your computer.



4 Create recovery drive for Windows.



**NOTE: It is recommended to create a recovery drive to troubleshoot and fix problems that may occur with Windows.**

For more information, see [Create a USB recovery drive for Windows](#).



# Create a USB recovery drive for Windows

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Create a recovery drive to troubleshoot and fix problems that may occur with Windows. An empty USB flash drive with a minimum capacity of 16 GB is required to create the recovery drive.



**NOTE:** The following steps may vary depending on the version of Windows installed. Refer to the [Microsoft support site](#) for latest instructions.

- 1 Connect the USB flash drive to your computer.
- 2 In Windows search, type *Recovery*.
- 3 In the search results, click **Create a recovery drive**.  
The **User Account Control** window is displayed.
- 4 Click **Yes** to continue.  
The **Recovery Drive** window is displayed.
- 5 Select **Back up system files to the recovery drive** and click **Next**.
- 6 Select the **USB flash drive** and click **Next**.  
A message appears, indicating that all data in the USB flash drive will be deleted.
- 7 Click **Create**.



**NOTE:** This process may take up to an hour to complete.

- 8 Click **Finish**.

## Reinstall Windows using a USB recovery drive



**CAUTION:** This process formats the hard drive and removes all data on your computer. Ensure that you back up data on your computer before beginning this task.



**NOTE:** Before reinstalling Windows, ensure your computer has more than 2 GB of memory and more than 32 GB of storage space.

- 1 Connect the USB recovery drive to your computer.
- 2 Restart your computer.



- 3 Press F12 after the Dell logo is displayed on the screen to access the boot menu. A **Preparing one-time boot menu** message appears.
- 4 After the boot menu loads, select the USB recovery device under **UEFI BOOT**. The system reboots and a screen to **Choose the keyboard layout** is displayed.
- 5 Choose your keyboard layout.
- 6 In the **Choose an option** screen, click **Troubleshoot**.
- 7 Click **Recover from a drive**.
- 8 Choose one of the following options:
  - **Just remove my files** to do a quick format.
  - **Fully clean the drive** to do a complete format.
- 9 Click **Recover** to start the recovery process.

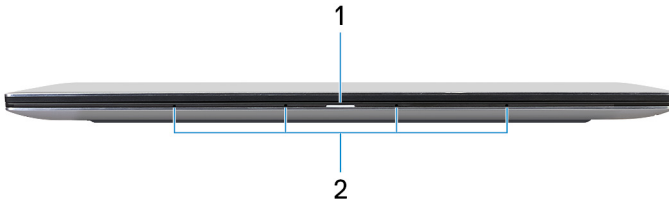
This may take up to an hour to complete and your computer will restart during this process.



# Views

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## Front



**1 Power and battery-status light**

Indicates the power state and battery state of the computer.

Solid white—Power adapter is connected and the battery is charging.

Solid amber—Battery charge is low or critical.

Off—Battery is fully charged.

**2 Microphones (4)**

Provide digital sound input for audio recording, voice calls, and so on.

## Left




**1 Security-cable slot (for Noble locks)**

Connect a security cable to prevent unauthorized movement of your computer.

**2 Thunderbolt 3 (USB Type-C) port with Power Delivery (Primary)**


Supports USB 3.1 Gen 2, DisplayPort 1.2, Thunderbolt 3 and also enables you to connect to an external display using a display adapter. Provides data transfer rates up to 10 Gbps for USB 3.1 Gen 2 and up to 40 Gbps for Thunderbolt 3.

Supports Power Delivery that enables two-way power supply between devices. Provides up to 5V/3A power output that enables faster charging.

 **NOTE: Adapters (sold separately) are required to connect standard USB and DisplayPort devices.**

3 **Thunderbolt 3 (USB Type-C) port with Power Delivery**

Supports USB 3.1 Gen 2, DisplayPort 1.2, Thunderbolt 3 and also enables you to connect to an external display using a display adapter. Provides data transfer rates up to 10 Gbps for USB 3.1 Gen 2 and up to 40 Gbps for Thunderbolt 3. Supports Power Delivery that enables two-way power supply between devices. Provides up to 5V/3A power output that enables faster charging.

 **NOTE: Adapters (sold separately) are required to connect standard USB and DisplayPort devices.**

4 **Battery-charge status button**

Press to check the charge remaining in the battery.

5 **Battery-charge status lights (5)**

Turns on when the battery-charge status button is pressed. Each light indicates approximately 20% charge.

6 **Left speaker**

Provides audio output.

## Right



1 **Right speaker**

Provides audio output.

2 **microSD-card slot**

Insert a microSD card to expand the computer's storage capacity. Your computer supports a microSD card with capacity up to 128 GB.

3 **USB 3.1 Gen 1 (Type-C) port with Power Delivery/DisplayPort**



Connect peripherals such as external storage devices, printers, and external displays.

Supports Power Delivery that enables two-way power supply between devices. Provides up to 7.5 W power output that enables faster charging.

 **NOTE: An adapter (sold separately) is required to connect a DisplayPort device.**

#### 4 **Headset port**

Connect headphones or a headset (headphone and microphone combo).

## Base



#### 1 **Touchpad**

Move your finger on the touchpad to move the mouse pointer. Tap to left-click and two finger tap to right-click.

#### 2 **Left-click area**

Press to left-click.

#### 3 **Right-click area**

Press to right-click.

#### 4 **Power button with optional fingerprint reader**

Press to turn on the computer if it is turned off, in sleep state, or in hibernate state.

When the computer is turned on, press the power button to put the computer into sleep state; press and hold the power button for 10 seconds to force shut-down the computer.

If the power button has a fingerprint reader, place your finger on the power button to log in.

 **NOTE:** Before using the fingerprint reader, configure it in Windows to recognize your fingerprint as a passcode and enable access. For more information, see [www.dell.com/support/windows](http://www.dell.com/support/windows).

 **NOTE:** You can customize power-button behavior in Windows. For more information, see *Me and My Dell* at [www.dell.com/support/manuals](http://www.dell.com/support/manuals).

 **NOTE:** The power-status light on the power button is available only on computers without the optional fingerprint reader.

## Display



### 1 Infrared emitter

Emits infrared light, which enables the infrared camera to sense depth and track motion.

### 2 Infrared camera

Depth-sensing feature of the camera enhances security when paired with Windows Hello face authentication.

### 3 Camera-status light



Turns on when the camera is in use.

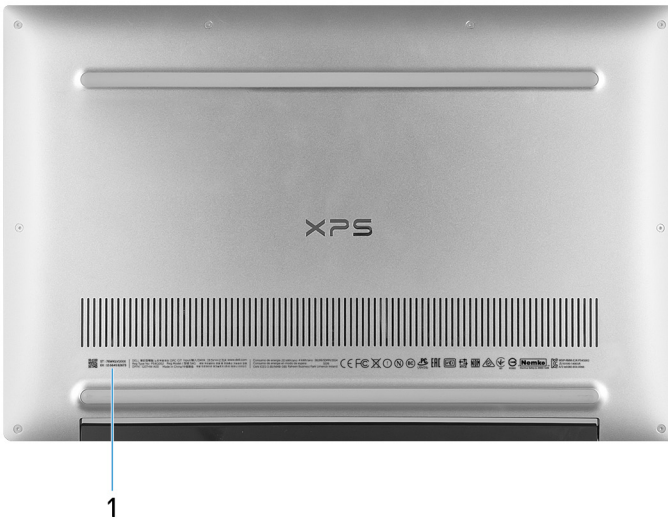
4 **Camera**

Enables you to video chat, capture photos, and record videos.

5 **Infrared emitter**

Emits infrared light, which enables the infrared camera to sense depth and track motion.

## Bottom



1 **Service Tag label**

The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.

# Specifications

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## Computer model

XPS 13-9370

## System information

**Table 2. System information**

Processor	8 <sup>th</sup> generation Intel Core i5/i7
Chipset	Integrated in the processor

## Dimensions and weight

**Table 3. Dimensions and weight**

Height	<ul style="list-style-type: none"><li>• Black color: 16.14 mm (0.63 in)</li><li>• White color: 16.24 mm (0.64 in)</li></ul>
Width	301.76 mm (11.88 in)
Depth	199.24 mm (7.84 in)
Weight	1.27 kg (2.8 lb)



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

## Operating system

**Table 4. Operating system**

Operating systems supported	<ul style="list-style-type: none"><li>• Windows 10 Home 64-bit</li><li>• Windows 10 Professional 64-bit</li></ul>
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- Ubuntu

## Memory

**Table 5. Memory specifications**

Slots	Onboard memory
Type	Dual-channel LPDDR3
Speed	1866 MHz and 2133 MHz
Configurations supported	
Per memory module slot	2 GB, 4 GB and 8 GB
Total memory	4 GB, 8 GB, and 16 GB

## Ports and connectors

**Table 6. Ports and connectors**

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**External:**

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USB/Video	<ul style="list-style-type: none"> <li>• Two Thunderbolt 3 (USB Type-C) ports with Power Delivery</li> <li>• One USB 3.1 Gen 1 (USB Type-C) port with Power Delivery/DisplayPort</li> </ul>
Audio	One headset (headphone and microphone combo) port

**Table 7. Ports and connectors**

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**Internal:**

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M.2 card	One M.2 slot for Solid-State Drive (SSD)
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## Communications

**Table 8. Supported communications**

Wireless	<ul style="list-style-type: none"> <li>• Wi-Fi 802.11a/b/g/n/ac</li> </ul>
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- Bluetooth 4.2
- Miracast

 **NOTE: Windows 10 currently supports up to Bluetooth 4.1.**

## Wireless

**Table 9. Wireless**

Transfer rate (maximum)	867 Mbps
Frequency bands	2.4 GHz/5 GHz
Encryption	<ul style="list-style-type: none"> <li>• 64-bit/128-bit WEP</li> </ul>

## Audio

**Table 10. Audio specifications**

Controller	Realtek ALC3271-CG with Waves MaxxAudio Pro
Speakers	Two
Speaker output	<ul style="list-style-type: none"> <li>• Average: 2 W</li> <li>• Peak: 2.5 W</li> </ul>
Microphone	Digital-array microphones

## Storage

**Table 11. Storage specifications**

Interface	<ul style="list-style-type: none"> <li>• SATA 6 Gbps</li> <li>• PCIe Gen 3 x4, up to 32 Gbps</li> </ul>
Solid-state drive (SSD)	One M.2 drive
Capacity supported	Up to 1 TB





**NOTE: RAID SATA support in the BIOS Settings menu is only available on computers supporting Windows 10.**



**NOTE: AHCI SATA support in the BIOS settings menu is only available on computers supporting Ubuntu.**

## Media-card reader

**Table 12. Media-card reader specifications**

Type	One microSD-card slot
Cards supported	<ul style="list-style-type: none"> <li>· mSD</li> <li>· mSDHC</li> <li>· mSDXC</li> </ul>

## Keyboard

**Table 13. Keyboard specifications**

Type	Backlit keyboard
Shortcut keys	Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.



**NOTE: Press Fn+Esc to switch the primary behavior of the function keys (F1-F12) between two modes - multimedia key mode and function key mode.**

[Keyboard shortcuts](#)

# Camera

**Table 14. Camera specifications**

Resolution	
Camera	<ul style="list-style-type: none"><li>• Still image: 0.92 megapixel (HD)</li><li>• Video: 1280 x 720 (HD) at 30 fps</li></ul>
Infrared camera	340 x 340 (VGA)
Diagonal viewing angle	
Camera	86.7 degrees
Infrared camera	70 degrees

# Touchpad

**Table 15. Touchpad**

Resolution	<ul style="list-style-type: none"><li>• Horizontal: 305</li><li>• Vertical: 305</li></ul>
Dimensions	<ul style="list-style-type: none"><li>• Width: 105 mm (4.13 in)</li><li>• Height: 60 mm (2.36 in)</li></ul>

## Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article [4027871](https://support.microsoft.com/4027871) at [support.microsoft.com](https://support.microsoft.com).

# Power adapter

**Table 16. Power adapter specifications**

Type	45 W USB Type-C
Dimensions (connector)	8.25 mm x 2.4 mm



Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.30 A
Output current (continuous)	<ul style="list-style-type: none"> <li>• 20 VDC/2.25 A</li> <li>• 15 VDC/3 A</li> <li>• 9 VDC/3 A</li> <li>• 5 VDC/3 A</li> </ul>
Rated output voltage	20 VDC/15 VDC/9 VDC/5 VDC
Temperature range (operating)	0°C to 40°C (32°F to 104°F)
Temperature range (storage)	–40°C to 70°C (–40°F to 158°F)

## Battery

**Table 17. Battery specifications**

Type	52 WHr "smart" lithium-ion
Dimension:	
Width	257.60 mm (10.14 in)
Depth	98.60 mm (3.88 in)
Height	4.30 mm (0.17 in)
Weight (maximum)	0.22 kg (0.49 lb)
Voltage	7.60 VDC
Charging time when the computer is off (approximate)	4 hours
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Life span (approximate)	300 discharge/charge cycles
Temperature range: Operating	0°C to 35°C (32°F to 95°F)
Temperature range: Storage	–40°C to 65°C (–40°F to 149°F)

Coin-cell battery

ML1220



**NOTE: It is recommended that you use a Dell coin-cell battery for your computer. Dell does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Dell.**

## Display

**Table 18. Display specifications**

Type	13.3-inch UHD touchscreen
Resolution (maximum)	3840 x 2160
Viewing angle (Left/Right/Down/Up)	80/80/80/80 degrees
Pixel pitch	0.0765 mm
Refresh rate	60 HZ
Operating angle	0 degrees (closed) to 135 degrees
Controls	Brightness can be controlled using shortcut keys
Dimension:	
Height (excluding bezel)	165.24 mm (6.51 in)
Width (excluding bezel)	293.76 mm (11.57 in)
Diagonal (excluding bezel)	337.82 mm (13.30 in)



# Video

**Table 19. Video specifications**

Type	Integrated
Controller	Intel UHD Graphics 620
Memory	Shared system memory

# Computer environment

**Airborne contaminant level:** G1 as defined by ISA-S71.04-1985

**Table 20. Computer environment**

	Operating	Storage
Temperature range	0°C to 35°C (32°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)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	110 G†	160 G‡
Altitude (maximum)	-15.2 m to 3048 m (-50 ft to 10,000 ft)	-15.2 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.



# Keyboard shortcuts

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

















 **NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.

Table 21. List of keyboard shortcuts

Keys	Description
 F1	Mute audio
 F2	Decrease volume
 F3	Increase volume
 F4	Play previous track/chapter
 F5	Play/Pause
 F6	Play next track/chapter
 F7	Launch Task View
 F8	Switch to external display
 F9	Search

Keys	Description
	Toggle keyboard backlight
	Printscreen
	Insert
	Turn off/on wireless
	Sleep
	Increase brightness
	Decrease brightness
	Open application menu
	Toggle Fn-key lock



# Getting help and contacting Dell

## Self-help resources

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

### Table 22. Self-help resources

Information about Dell products and services

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

Dell Help & Support app



Tips



Contact Support

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)

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

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)

Dell knowledge base articles for a variety of computer concerns.

- 1 Go to [www.dell.com/support](http://www.dell.com/support).
- 2 Type the subject or keyword in the **Search** box.
- 3 Click **Search** to retrieve the related articles.

Learn and know the following information about your product:

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

- Product specifications
- Operating system



- Setting up and using your product
- Data backup
- Troubleshooting and diagnostics
- Factory and system restore
- BIOS information

To locate the *Me and My Dell* relevant to your product, identify your product through one of the following:

- Select **Detect Product**.
- Locate your product through the drop-down menu under **View Products**.
- Enter the **Service Tag number** or **Product ID** in the search bar.

## Contacting Dell

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



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



**NOTE: 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>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>