XPS 13
Setup and Specifications

Notes, cautions, and warnings

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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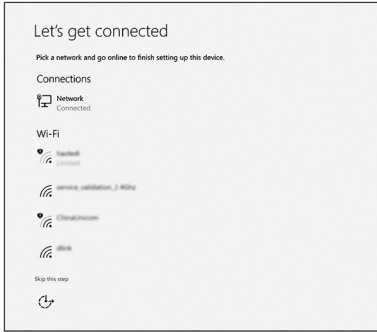
Set up your computer

1 Connect the power adapter and press the power button.

2 Finish operating system setup.

For Windows:

a) Connect to a network.

Let's get connected

Pick a network and go online to finish setting up this device.

Connections

Network
Connected

Wi-Fi

hacked!

service_validation_2.4Ghz

ChinaUni.com

dlink

Skip this step

> ![note icon] **NOTE: If you are connecting to a secured wireless network, enter the password for the wireless network access when prompted.**

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

Make it yours

Your Microsoft account opens a world of benefits. Learn more

Email or phone

Password

Forgot my password

No account? Create one!

Microsoft privacy statement

Sign in
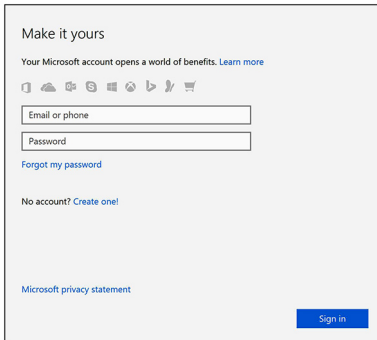
For Ubuntu:

Follow the instructions on the screen to finish setup.

3 Locate Dell apps in Windows.

Table 1. Locate Dell apps

Register your computer
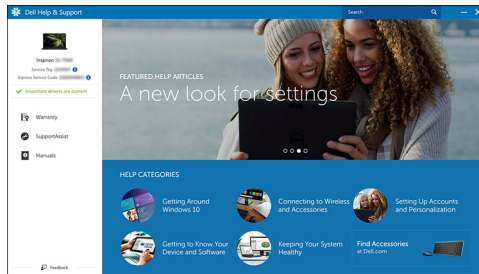
Dell Help & Support

SupportAssist—Check and update your computer

4 Create recovery drive for Windows. 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

Dell recommends that you 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 several minutes 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 will take several minutes to complete and your computer will restart during this process.

Views

Front
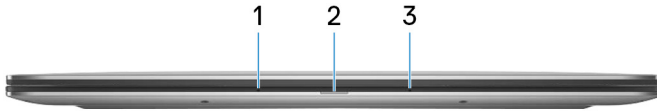
1 **Left microphone**

   Provides digital sound input for audio recording and voice calls.

2 **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.
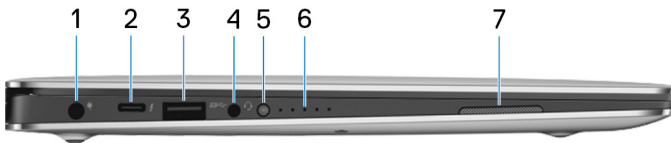
   Solid amber—Battery charge is low or critical.

   Off—Battery is fully charged.

3 **Right microphone**

   Provides digital sound input for audio recording and voice calls.

Left

1 **Power-adapter port**

   Connect a power adapter to provide power to your computer and charge the battery.

2 **Thunderbolt 3 (USB Type-C) port**

   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.

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

3 **USB 3.0 port**

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

4 **Headset port**

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

5 **Battery-charge status button**

Press to check the charge remaining in the battery.

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

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

7 **Left speaker**

Provides audio output.

Right

1 **Right speaker**

Provides audio output.

2 **SD-card slot**

Reads from and writes to the SD card.

3 **USB 3.0 port with PowerShare**

Connect peripherals such as external storage devices and printers.

Provides data transfer speeds up to 5 Gbps. PowerShare enables you to charge your USB devices even when your computer is turned off.

> 📝 **NOTE: If your computer is turned 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 the BIOS setup program.**

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

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

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

Base
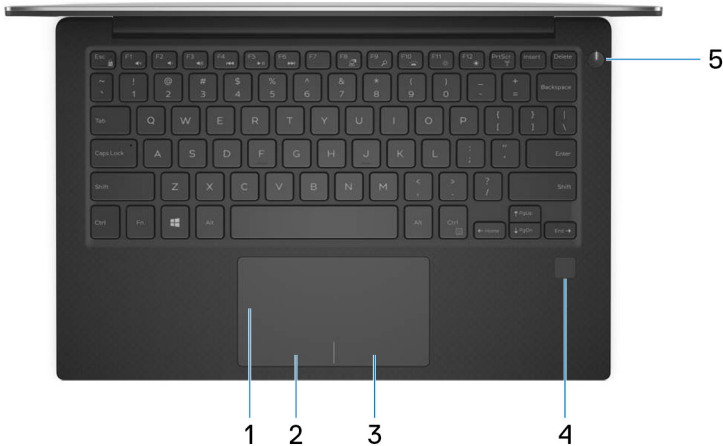
1   **Touchpad**

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   **Fingerprint reader (optional)**

Press your finger on the fingerprint reader to log in to your computer. The fingerprint reader enables your computer to recognize your fingerprints as a password.

> **NOTE: You must configure the fingerprint reader to register your fingerprint and enable access.**

5 **Power button**

Press to turn on the computer if it is turned off, in sleep state, or in hibernate 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 behavior in Power Options. For more information, see** *Me and My Dell* **at** www.dell.com/support/manuals**.**
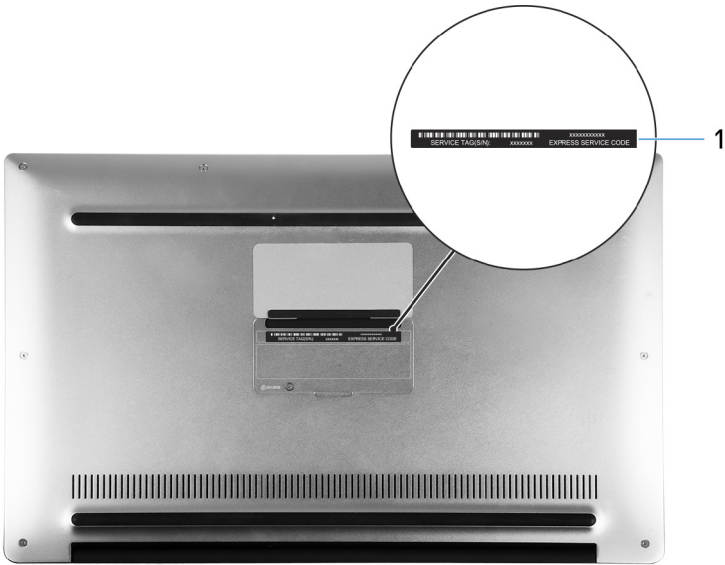
Display

1 **Camera**

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

2 **Camera-status light**

Turns on when the camera is in use.

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

Computer model

Table 2. Computer model

Computer model	XPS 9360

System information

Table 3. System information

Processor	• 7th generation Intel Core i3/i5/i7 • 8th generation Intel Core i5/i7
Chipset	Integrated in processor

Processor

- 7th generation Intel Core i3/i5/i7
- 8th generation Intel Core i5/i7

Chipset: Integrated in processor

Dimensions and weight

Table 4. Dimensions and weight

Height	8.95 mm to 15.35 mm (0.35 in to 0.60 in)
Width	304.16 mm (11.97 in)
Depth	200.25 mm (7.88 in)
Weight	• Touchscreen: 1.32 kg (2.91 lb) • Non-touchscreen: 1.22 kg (2.69 lb) **NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.**

Operating system

Table 5. Operating system

Operating systems supported	- Windows 10 Home 64-bit - Windows 10 Professional 64-bit - Ubuntu (optional)
	NOTE: Ubuntu is only supported on computers shipped with a 7th generation Intel Core i3/i5/i7 processor.

Memory

Table 6. Memory specifications

Slots	Onboard memory
Type	LPDDR3
Speed	1866 MHz and 2133 MHz
Configurations supported	4 GB, 8 GB, and 16 GB

Ports and connectors

Table 7. Ports and connectors

External:	
USB	- One Thunderbolt 3 (USB Type-C) port - One USB 3.0 port with PowerShare - One USB 3.0 port
Audio/video	One headset (headphone and microphone combo) port

Table 8. Ports and connectors

Internal:	
M.2 Card	• One M.2 slot for SSD card • One M.2-card slot for Wi-Fi and Bluetooth combo card

Communications

Table 9. Supported communications

Wireless	• Wi-Fi 802.11a/b/g/n • Wi-Fi 802.11ac • Bluetooth 4.1 • Bluetooth 4.2 • Miracast 📝 **NOTE: Windows 10 currently supports up to Bluetooth 4.1.**

Wireless module

Table 10. Wireless module specifications

Transfer rate	Up to 867 Mbps
Frequency bands	2.4 GHz/5 GHz
Encryption	• 64-bit/128-bit WEP • AES-CCMP • TKIP

Audio

Table 11. Audio specifications

Controller	Realtek ALC3246 with Waves MaxxAudio
Speakers	Two

Output	• Average: 2 W
	• Peak: 2.5 W
Microphone	Digital-array microphones
Volume controls	Media-control shortcut keys

Storage

Table 12. Storage specifications

Interface	• SATA 6 Gbps
	• PCIe up to 8 Gbps
Solid-state drive (SSD)	One M.2 drive
Capacity	• Up to 128 GB SATA drive
	• Up to 1 TB PCIe/NVMe drive

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 13. Media-card reader specifications

Type	One 3-in-1 slot
Cards supported	• SD card
	• SD High-Capacity (SDHC) card
	• SD Extended-Capacity (SDXC) card with Ultra High Speed (UHS)

Keyboard

Table 14. 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.

NOTE: You can define the primary behavior of the function keys (F1–F12) by changing Function Key Behavior in BIOS setup program.

Keyboard shortcuts

Camera

Table 15. Camera specifications

Resolution	• Still image: 0.92 megapixel • Video: 1280 x 720 (HD) at 30 fps (maximum)
Diagonal viewing angle	66 degrees

Touchpad

Table 16. Touchpad specifications

Resolution	• Horizontal: 305
	• Vertical: 305
Dimensions	• Height: 60 mm (2.36 in)
	• Width: 105 mm (4.13 in)

Power adapter

Table 17. Power adapter specifications

Type	45 W
Diameter (connector)	4.7 mm
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.30 A
Output current (continuous)	2.31 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	−40°C to 70°C (−40°F to 158°F)

Battery

Table 18. Battery specifications

Type	4-cell "smart" lithium ion (60 WHr)
Width	103.50 mm (4.07 in)
Depth	257.60 mm (10.14 in)

Height	5.20 mm (0.20 in)
Weight (maximum)	0.25 kg (0.55 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)
Storage	−40°C to 65°C (−40°F to 149°F)
Coin-cell battery	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 19. Display specifications

Type	• 13.3-inch UltraSharp QHD+ InfinityEdge display with touchscreen • 13.3-inch FHD InfinityEdge display with touchscreen • 13.3-inch anti-glare FHD InfinityEdge display
Resolution (maximum)	• QHD+: 3200 x 1800 • FHD: 1920 x 1080
Pixel pitch	• QHD+: 0.0918 mm

	• FHD: 0.1530 mm
Height	165.24 mm (6.51 in)
Width	293.76 mm (11.57 in)
Diagonal	337.05 mm (13.27 in)
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 135 degrees
Controls	Brightness can be controlled using shortcut keys

Video

Table 20. Video specifications

Controller	• Intel HD Graphics 620 on computers shipped with 7th generation Intel i3/i5/i7 processors. • Intel Iris Plus Graphics 640 on computers shipped with 7th generation Intel i7 processors • Intel UHD Graphics 620 on computers shipped with 8th generation Intel i5/i7 processors
Memory	Shared system memory

Computer environment

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

Table 21. Computer environment

	Operating	Non-Operating
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)

	Operating	Non-Operating
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	140 G†	160 G‡
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.

‡ Measured using a 2 ms half-sine pulse when the hard drive is not in use.

Keyboard shortcuts

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

Table 22. 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
F8	Switch to external display
F9	Search
F10	Toggle keyboard backlight
F11	Decrease brightness
F12	Increase brightness
Fn + PrtScr	Turn off/on wireless

Keys	Description
Fn + S	Toggle scroll lock
Fn + Esc	Toggle Fn-key lock
Fn + B	Pause/Break
Fn + Insert	Sleep

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 23. Self-help resources

Information about Dell products and services	www.dell.com
Dell Help & Support app	
Accessing help	In Windows search, type `Help and Support`, and press Enter.
Online help for operating system	www.dell.com/support/windows 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
Dell knowledge base articles for a variety of computer concerns.	1 Go to 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: • Product specifications • Operating system • Setting up and using your product • Data backup • Troubleshooting and diagnostics	See *Me and My Dell* at www.dell.com/support/manuals. To locate the *Me and My Dell* relevant to your product, identify your product through one of the following: • Select **Detect Product**.

- Factory and system restore
- BIOS information
- 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.

> 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.