XPS 15 2-in-1

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.**

Contents

Set up your computer

1   Connect the power adapter and press the power button.

ⓘ **NOTE: To conserve battery power, the battery might enter power saving mode.**

ⓘ **NOTE: Use any USB Type-C port to charge your computer; the primary-charging port is indicated by the power-adapter icon.**

2   Finish Windows system setup.

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

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

ⓘ **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**.
8   Click **Finish**.
    For more information about reinstalling Windows using the USB recovery drive, see the *Troubleshooting* section of your product's *Service Manual* at www.dell.com/support/manuals.

Views

Display

1   **Infrared emitter**

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

2   **Infrared 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 and track motion.

Bottom

1. **Left speaker**

   Provides audio output.

2. **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.

3. **Right speaker**

   Provides audio output.

Left

1. **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 5 V/3 A power output that enables faster charging.

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

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

   Supports USB 3.1 Gen 2 Type-C, 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 5 V/3 A power output that enables faster charging.

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

3. **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.

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   **Dell Premium Active Pen magnets**

Secures the Dell Premium Active Pen to the computer chassis.

Right

1   **USB 3.1 Gen 1 (Type-C) port with Power Delivery/DisplayPort (2)**

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.**

2   **Headset port**

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

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

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

Front
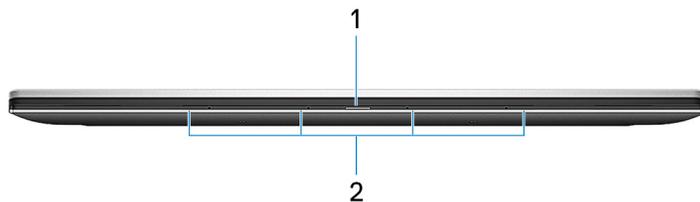
1   **Power and battery-status light**

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 **Digital-array microphones (4)**

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

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.

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

ⓘ **NOTE:** The power-status light on the power button is available only on computers without the optional fingerprint reader. Computers shipped with the fingerprint reader integrated on the power button will not have the power-status light on the power button.

ⓘ **NOTE:** To reset the battery, press and hold the power button for 25 seconds.

Modes

Notebook

Tablet

Stand

Tent

Dell Premium Active Pen—Optional

For more information, see www.dell.com/support.

Specifications

Computer model

XPS 15-9575

System information

Table 2. System information

Processor	8th Generation Intel Core i5/i7
Chipset	Intel GL82QM175

Operating system

Table 3. Operating system

Operating systems supported	• Windows 10 Home 64-bit • Windows 10 Professional 64-bit

Dimensions and weight

Table 4. Dimensions and weight

Height	16 mm (0.62 in)
Width	354 mm (13.93 in)
Depth	235 mm (9.25 in)
Weight	2 kg (4.36 lb)

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

Memory

Table 5. Memory specifications

Slots	Onboard memory
Type	DDR4
Total memory supported	8 GB and 16 GB
Speed supported	2400 MHz

Configurations supported:

8 GB	2400 MHz
16 GB	2400 MHz

Ports and connectors

Table 6. Ports and connectors

External:	
USB/Video	• Two Thunderbolt 3 (USB Type-C) ports with Power Delivery • Two USB 3.1 Gen 1 (USB Type-C) port with Power Delivery/DisplayPort
Audio	One headset (headphone and microphone combo) port

Table 7. Ports and connectors

Internal:	
M.2 card	One M.2 slot for Solid-State Drive (SSD)

Communications

Table 8. Supported communications

Wireless	• Wi-Fi 802.11a/g/n/ac • Bluetooth 4.1

Wireless

Table 9. Wireless

	Killer 1435-S	Intel 8265
Type	Killer 1435-S	Intel 8265
Transfer rate (maximum)	867 Mbps	867 Mbps
Frequency bands	2.4 GHz/5 GHz	2.4 GHz/5 GHz
Encryption	• 64-bit/128-bit WEP • AES-CCMP • TKIP	• 64-bit/128-bit WEP • AES-CCMP • TKIP

Audio

Table 10. Audio specifications

Controller	Realtek ALC3271-CG with Waves MaxxAudio Pro
Speakers	Two

| Speaker output | • Average: 2 W |
| | • Peak: 2.5 W |

| Microphone | Digital-array microphones |

Storage

Storage type	Interface type	Capacity
One M.2 2280 Solid-state drive	SATA/PCIe	Up to 1 TB

Media-card reader

Table 12. Media-card reader specifications

Type	One microSD-card reader
Cards supported	• mSD
	• mSDHC
	• mSDXC

Fingerprint reader

Table 13. Fingerprint reader specifications

Sensor type	Goodix GF5288WN1
Sensor technology	Touch
Sensor resolution	108 pixels x 88 pixels
Sensor area	5.5 mm x 4.5 mm
Pixel per inch	500

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.
	Keyboard shortcuts

Camera

Table 15. Camera specifications

Resolution:	
Camera	• Still image: 0.92 megapixel (HD) • Video: 1280 x 720 (HD) at 30 fps
Infrared camera	340 x 340 for Hello application
Diagonal viewing angle:	
Camera	86.7 degrees
Infrared camera	70 degrees

Touchpad

Table 16. Touchpad

Resolution	1219 x 919
Dimensions	• Width: 105 mm (4.13 in) • Height: 80 mm (3.14 in)

Touchpad gestures

For more information about touchpad gestures for Windows 10, see the Microsoft knowledge base article 4027871 at support.microsoft.com.

Power adapter

Table 17. Power adapter specifications

Type	130 W USB Type-C
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.80 A
Output current (continuous)	6.50 A
Rated output voltage	20 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

Type	6–cell "smart" lithium-ion (75 WHr)
Dimension:	
Width	305.80 mm (12.04 in)
Depth	88.05 mm (3.47 in)
Height	6.10 mm (0.24 in)
Weight (maximum)	0.32 kg (0.71 lb)
Voltage	11.4 VDC
Charging time when the computer is off (approximate):	
Standard charge	0°C to 60°C: 4 hours
Express charge	0°C to 35°C: 4 hours
	16°C to 45°C: 2 hours
	46°C to 60°C: 3 hours
Life span (approximate)	300 discharge/charge cycles
Temperature range: Operating	0°C to 35°C (32°F to 95°F)
Temperature range: Storage	–20°C to 60°C (–4°F to 140°F)
Coin-cell battery	CR 2032

Video

Table 19. Video specifications

Controller	• Radeon RX Vega M Graphics • Intel HD Graphics 630
Memory	HBM2 4 GB

Display

Table 20. Display specifications

	15.6-inch FHD touchscreen	15.6-inch UHD touchscreen
Resolution (maximum)	1920 x 1080	3840 x 2160
Viewing angle (Left/Right/Down/Up)	89/89/89/89 degrees	89/89/89/89 degrees
Pixel pitch	0.17925 mm	0.08964 mm
Dimension: (excluding bezel)		
Height	344.16 mm (13.54 in)	344.22 mm (13.55 in)
Width	193.59 mm (7.62 in)	193.62 mm (7.62 in)
Diagonal	396.24 mm (15.60 in)	

	15.6-inch FHD touchscreen	15.6-inch UHD touchscreen
Refresh rate	60 Hz	
Operating angle	0 degrees (closed) to 360 degrees	
Panel technology	In-plane switching	
Controls	Brightness can be controlled using shortcut keys	

Computer environment

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

Table 21. 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

ⓘ **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
▶II F5	Play/Pause
▶▶I F6	Play next track/chapter
F7	Launch Task View
F8	Switch to external display
F9	Search
F10	Toggle keyboard backlight
PrtScr F11	Printscreen
Insert F12	Insert
Fn + Home	Turn off/on wireless

Keys	Description
Fn + **End** 🌙	Sleep
Fn + **↑** ☀	Increase brightness
Fn + **↓** ☀	Decrease brightness
Fn + **Ctrl** 🗏	Open application menu
Fn + **Esc** 🔒	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 23. Self-help resources

Information about Dell products and services	www.dell.com
Dell Help & Support app	
Tips	
Contact Support	In Windows search, type `Contact 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 • Factory and system restore • BIOS information	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**. • 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.**