Dell™ XPS 18

User's Manual

Notes, Cautions, and Warnings

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

CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

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

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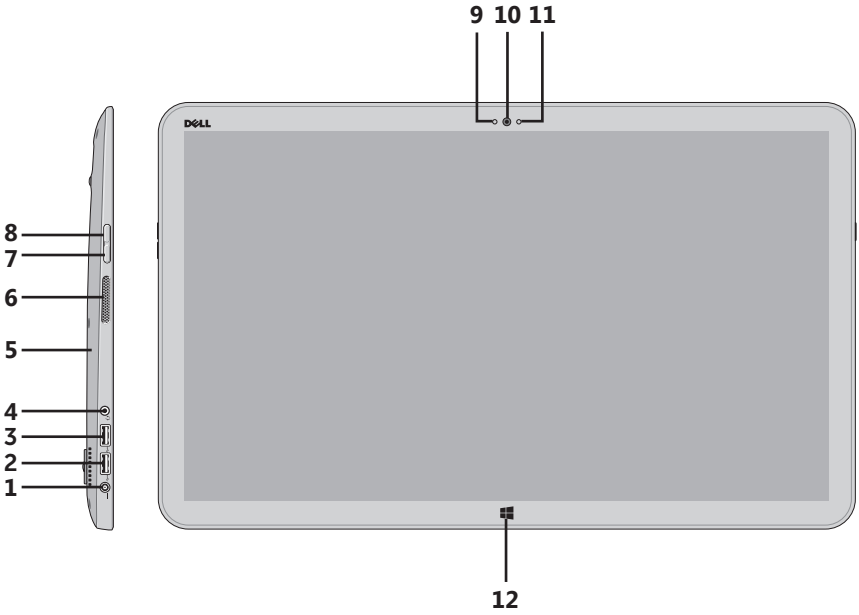
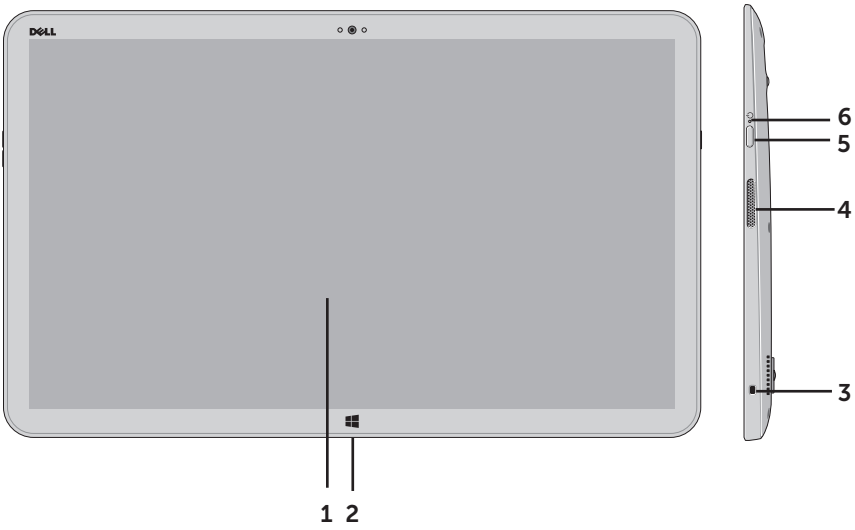
Dell XPS 18 Features

This section provides information about the features available on your computer.

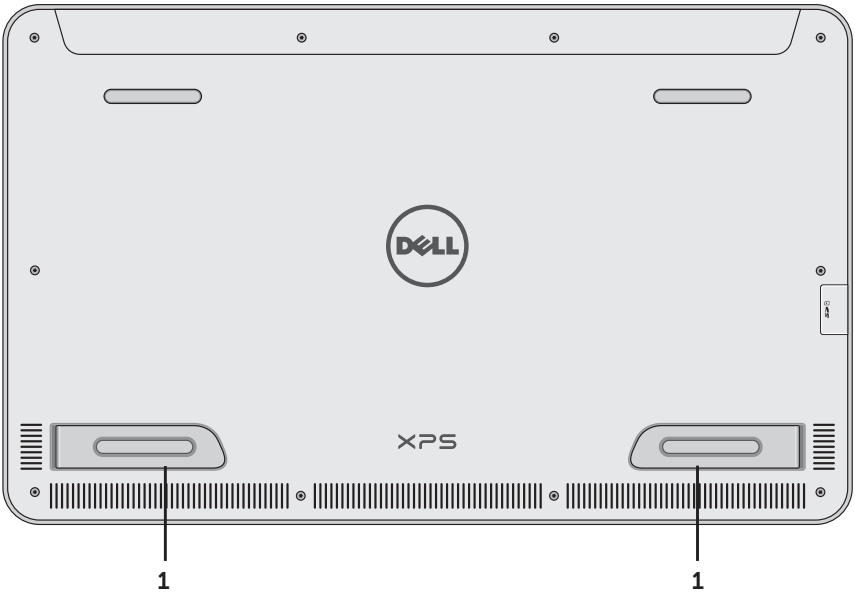


Feature	Functionality
1 DC power connector	Connect the supplied power adapter to provide power to the computer and charge the battery.
2 USB 3.0 port	Connect USB devices or connect to your computer for transferring or synchronizing data, music, photos, videos, contacts, and so on.
3 USB 3.0 port	Connect USB devices or connect to your computer for transferring or synchronizing data, music, photos, videos, contacts, and so on.

Feature	Functionality
4 Audio port (3.5 mm)	Connect headphones, microphones, and other audio equipment to listen to stereo sound, record audio or make calls.
5 SD card slot	Holds the SD card in place.
6 Speaker	Provides audio output for video and music playback.
7 Volume down button	• Press to decrease the media volume by one level. • Press and hold to continuously decrease the media volume.
8 Volume up button	• Press to increase the media volume by one level. • Press and hold to continuously increase the media volume.
9 Camera-status light	Indicates the camera activity.
10 Front-facing camera	• Capture a front view picture or record videos. • Make video calls with web applications, such as Skype.
11 Ambient light sensor	Automatically adjusts the brightness of the display's backlight based on surrounding light levels.
12 Windows button	• Press to open the Windows Start screen. • Press for quick access to the most recently used application or most recently viewed screen.



Feature	Functionality
1 Touchscreen display	Touch the display to use on-screen controls including buttons, menu items, and the on-screen keyboard.
2 Docking port	Connect to a Dell docking station.
3 Noble lock port	Allows you to secure your computer using a Noble lock.
4 Speaker	Provides audio output for video and music playback.
5 Power and Sleep/Wake button	Press and hold to turn on or off the computer.
6 Power/Battery-status light	Indicates the power/battery charge status.



Feature	Functionality
1 Flip feet	Fold outwards to allow your computer to stand upright.

Dell XPS 18 Accessories

Your Dell XPS 18 package includes the following accessories:

- **Power adapter and cable** - Provides power to your computer and charges the battery.

- **USB LAN dongle** - Connects your computer to a RJ45 connector via the USB 3.0 port.

- **Dock (included with selected models)** - Allows your computer to stand upright with adjustable viewing angles and battery charging capabilities.

- **Wireless keyboard and mouse (included with selected models)** - Inputs text and controls the cursor.

Setting Up Your Dell XPS 18

This section provides information about setting up your XPS 18 for first use.

WARNING: Before you begin any of the procedures in this section, read the safety information that shipped with your computer. For additional best practices information, see www.dell.com/regulatory_compliance.

Getting Your Computer Ready for Use

Connect the AC power adapter and power cable

1 Connect the supplied power cable into the supplied power adapter.

Charging the computer

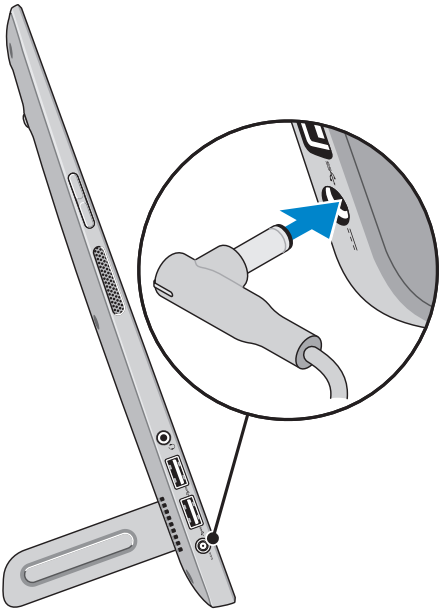
CAUTION: Charge the battery in an environmental temperature between 0°C and 35°C.

CAUTION: Use only the supplied power adapter and power cable to charge your computer. Using unauthorized power adapters or powercables may cause severe damage to your computer.

NOTE: This computer CANNOT be charged through a USB cable. Use the supplied charger for charging the computer.

NOTE: The battery is not fully charged when first unpacked.

1 Connect the power adapter to the DC port on the computer.



2 Connect the power adapter into an electrical outlet and charge the computer until the battery is fully charged.

NOTE: The computer battery requires about 4 - 5 hours to fully charge.

You can check the computer's power/battery status from:

- Battery-charge light located on the side of the computer

Battery with no AC adapter connected or AC/Battery is fully charged	
LED behavior	Description
Solid white color	Computer is ON
Breathing white color (slow blinking)	Computer is on sleep mode
Fast blinking amber color	Low battery
Light is off	Computer is OFF

AC adapter is connected and battery is charging	
LED behavior	Description
Solid amber color	Computer is ON
Breathing amber color (slow blinking)	Computer is on sleep mode
Fast blinking amber color	Low battery
Solid amber color	Computer is OFF

- Battery icon displayed on the screen:

Battery icon	Description
	Battery is fully charged
	Battery is charging with AC.
	Your computer is running on battery power and the battery is discharging.
	Your computer is plugged in, and either no battery is detected, or the battery isn't working correctly.
	Battery is at low level.
	Battery is at critical level.

NOTE: You can check exact battery charge level by booting to the operating system.

Turning On Your Computer

NOTE: Use this computer in an ambient temperature between 0°C and 35°C.

1. Press and hold the **Power and Sleep/Wake** button for at least 3 seconds.
2. If the lock screen image is displayed, swipe your finger from the bottom of the display to switch to the login screen, and then enter password to log in to Windows.

The computer is ready for use when the Windows Start screen is displayed.

NOTE: If the login screen is not enabled in Windows 8, you will be taken directly from the lock screen to the Start screen.

NOTE: The lock screen is only displayed when returning from a sleep state.

Turning Off Your Computer

- Using power button:

  Press and hold the **Power and Sleep/Wake** button ⏻ for at least 4 seconds to turn off the computer.

- Using Charms:

  1. Swipe from the right edge of the display to access Charms.
  2. Touch **Settings** ⚙ → **Power** ⏻ → **Shut down** to turn off the computer.

Turning Off the Screen

- Using power button:

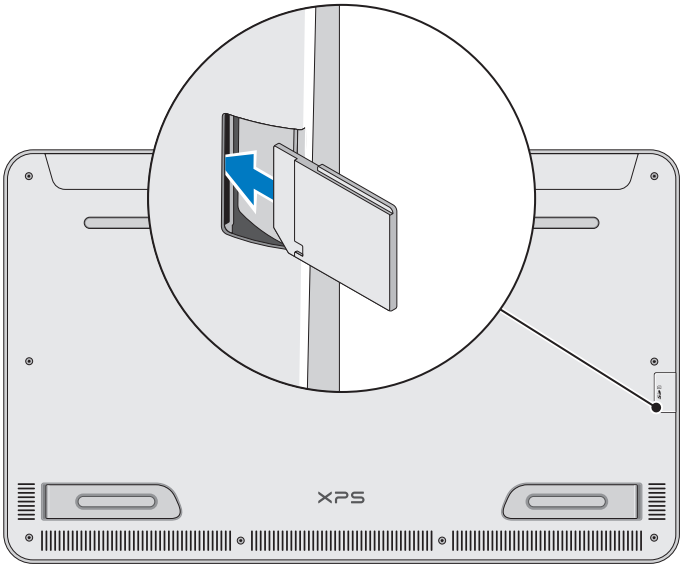
  Press the **Power and Sleep/Wake** button ⏻ to turn off the screen.

- Using Charms:

  1. Swipe from the right edge of the display to access Charms.
  2. Touch **Settings** ⚙ → **Power** ⏻ → **Sleep** to turn off the screen.

NOTE: If your computer is in a sleep state (computer is on, but screen is off), press the **Power and Sleep/Wake** button ⏻ or **Windows** button ⊞ once to turn on the screen.

Inserting an SD card



1. Make sure the orientation of the SD card is correct.
2. Push the slot cover down.
3. Push the SD card into the slot until it is firmly in place.

For more information on removing the SD card, see Remove the SD card.

Using Your Dell XPS 18

Screen Orientation

For optimal viewing experience, the screen orientation changes automatically to portrait or landscape format depending on the computer's orientation.

NOTE: Some applications may not support automatic screen rotation to portrait or landscape format.

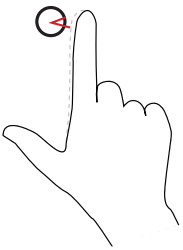
How to lock the screen orientation

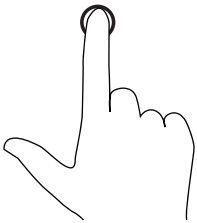
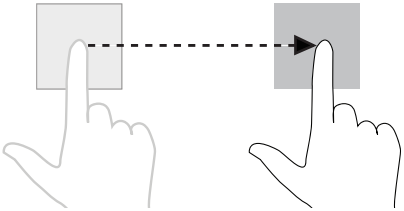
1. Swipe from the right edge of the display to access Charms.
2. Touch **Settings** → **Screen**.
3. Touch toggle to lock the screen orientation, or touch toggle to unlock the screen orientation.

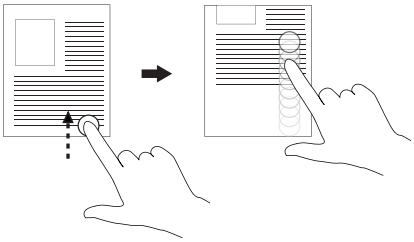
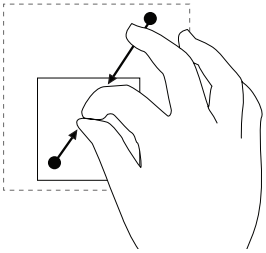
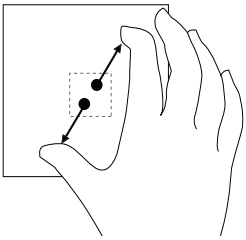
Gestures

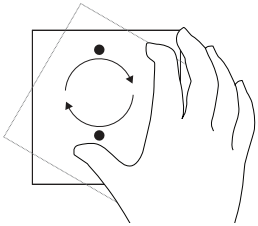
Your computer has a multi-touch display. You can touch the screen to operate the computer.

NOTE: All touchscreen actions described throughout this manual can also be done using a mouse/keyboard.

Finger Gestures	Allows you to:
Touch Tap gently on the screen with your fingertip. 	• Select items on the screen including options, entries, images, and icons. • Start applications. • Touch buttons on the screen. • Input text using the on-screen keyboard.

Finger Gestures	Allows you to:
Touch and hold Touch and hold your finger on the screen. 	• Display detailed information about an item • Open the context menu of an item to perform further actions.
Drag **1** Touch and hold your finger on an item on the screen. **2** Keeping your finger in contact with the screen, move your fingertip to the desired location. **3** Take your finger off the screen to drop the item at the desired location. 	Move items such as images and icons on the screen.

Finger Gestures	Allows you to:
Swipe or Sllide Move your finger in a vertical or horizontal direction on the screen. 	• Scroll through the Start screen, web pages, lists, entries, photos, contacts, and so on. • Close an app. (Swipe the app to the bottom of the display.)
Zoom out Touch the display with two fingers and then move the fingers closer. 	Reduce the view of an image or web page.
Zoom in Touch the display with two fingers and then move the fingers apart. 	Enlarge the view of an image or web page.

Finger Gestures	Allows you to:
Rotate Touch the display with two or more fingers and then move the fingers in a clockwise or counter-clockwise arc. 	Rotate an object by 90 degrees.

The Windows 8 Start Screen

The Windows 8 Start screen displays a list of default and custom Live Tiles, which act as a shortcut to Control Panel, Windows Explorer, Weather app, RSS, Windows Store, Internet Explorer, and other installed applications.

Live Tiles on your Start screen change and update in real time so you can get real-time updates about news or sports, check what your friends are up to, and get the latest weather forecast. The tile-based user interface gives you direct access to your most recently used applications, Emails, photos, music, videos, contacts, Facebook & Twitter updates, and frequently viewed websites. You can pin desired or favorite apps as Live Tiles to customize the Start screen.

You can also personalize the Start screen by setting your favorite picture as the wallpaper.

NOTE: Live Tiles can be added or removed by using Pin or Unpin options.

How to access the Start screen

Follow either method to access the Start screen:

- Press the **Windows** button.
- Swipe from the right edge of the display to access Charms, and then touch the **Start** icon.

Get to know Windows 8

You can touch/click the Dell getting started tile on the Start screen to explore Windows 8.

Swipe left

Swiping-in from the right edge of the display reveals Charms. Charms provide access to the system commands, such as Start, Search, Share, Computers, and Settings options.

If your computer is running an application or performing actions, pressing the **Start** icon takes you back to the Start screen. If you are at the Start screen, pressing the **Start** icon takes you to the most recently used application or most recently viewed screen.

NOTE: The functionality of the **Start** icon is same as **Windows** button.

Swipe right

- Swiping-in quickly or clicking from the left edge of the display switches the currently running apps.
- Swiping slowly from the left edge to the right edge of the display reveals thumbnails of the open apps.
- Swiping-in and out on the left edge of the display brings up a list of the most recently used applications.

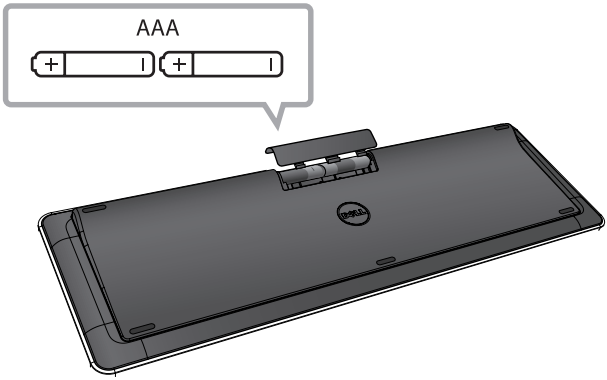
Swipe up/down

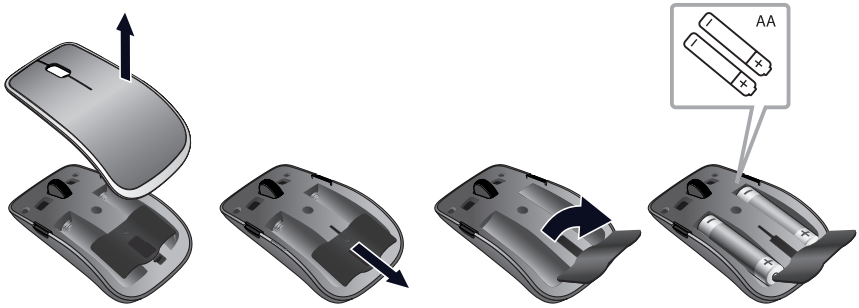
- Swiping-in from the bottom or top edge of the display reveals the **All apps** icon. Touch **All apps** to show an alphabetical list of all applications installed on your computer.
- Swiping-in from the top to the bottom of an app docks or closes the application.

For more information on using Windows 8 Start screen, see **http://windows.microsoft.com/en-US/windows-8/get-started**.

Using The Keyboard & Mouse (included with selected models)

Your computer may come with a wireless keyboard and mouse specifically paired with it. To use the keyboard and mouse make sure both devices have batteries installed and are powered on.





If the keyboard and mouse do not work automatically you may need to add them as devices in Windows:

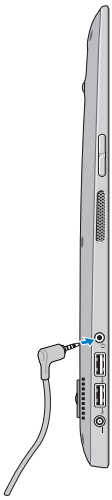
1. Swipe from the right edge of the display to access Charms.
2. Touch **Settings** → **Change PC Settings** → **Devices** → **Add a device**, to manually add a keyboard and mouse.

Using Headphones

You can use 3.5 mm headphones to listen to music and sounds, record audio, or make calls.

WARNING: Listening to loud music for extended period of time can lead to hearing loss.

1 Connect headphones to the audio port (3.5 mm) on the computer.



2 Insert the earphones in your ears and adjust the volume level to a comfortable level.

NOTE: When you connect an audio component to the 3.5 mm audio jack, the integrated speakers on your computer are muted automatically.

CAUTION: To prevent damage to the headphones when disconnecting it from the computer, pull the connector and not the cable.

Managing Your Computer Settings

Removing the SD card

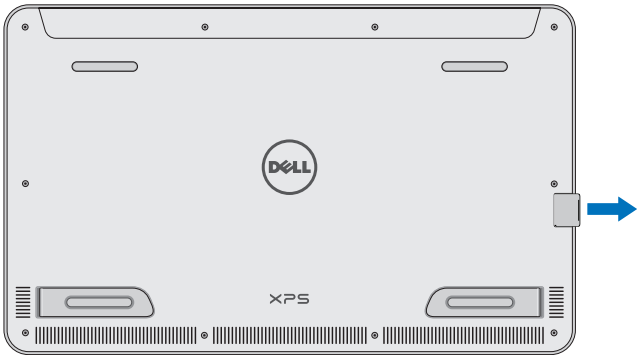
CAUTION: Removing the SD card when transferring data may cause data loss or result in application errors. Make sure your computer has finished all save operations to the SD card.

1 Enter the Desktop mode. Touch/click **Safely Remove Hardware** in the notification area at the bottom-right corner of the screen.

NOTE: If you don't see **Safely Remove Hardware**, touch **Show Hidden Icons** to display all icons in the notification area.

2 Touch **Eject SD Memory Card**. A message appears confirming that the SD card can be safely removed. If a warning message appears stating the SD card cannot be removed, ensure all data transfers involving the SD card are complete.

3 Pull the SD card out of the SD card slot.



Wi-Fi setting

- Turning On/Off Wi-Fi:
  1. Swipe from the right edge of the display to access Charms.
  2. Touch **Settings** → **Change PC settings** → **Wireless**.
  3. Swipe **Wi-Fi** icon left or right to turn Wi-Fi on or off.
- Connecting to a network:
  1. Swipe from the right edge of the display to access Charms.
  2. Touch **Settings** → **Available** → **Select an available network** → **Connect**.

Refresh your computer

Refreshing your computer will restore the system to original factory settings without deleting any of your personal files, installed apps from Windows Store or personalization settings.

1. Swipe from the right edge of the display to access Charms.
2. Touch **Settings** → **Change PC settings** → **General** → **Refresh your PC without affecting your files**.
3. Touch **Get started**.
4. Touch **Next** after you read the warning.

NOTE: Third-party apps will be removed.

Reset your computer

Resetting your computer will return the system to original factory settings.

1. Swipe from the right edge of the display to access Charms.
2. Touch **Settings** → **Change PC settings** → **General** → **Remove everything and reinstall Windows**.
3. Touch **Get started**.
4. Touch **Next** after you read the warning.

CAUTION: Resetting your computer erases all data from your computer, including your account configuration, music, pictures, files, and so on. Ensure that you back up all the required data before you proceed.

Advanced startup settings

If your computer is having problems starting up or if you wanted to change the computer's startup settings (such as allowing your computer to start up from a device or disc, etc.), you may enter Windows advanced startup settings.

1. Swipe from the right edge of the display to access Charms.
2. Touch **Settings** → **Change PC settings** → **General** → **Advanced startup** → **Restart now**.
3. Touch the **Troubleshoot** option to configure various startup settings.

Synchronizing Your Computer

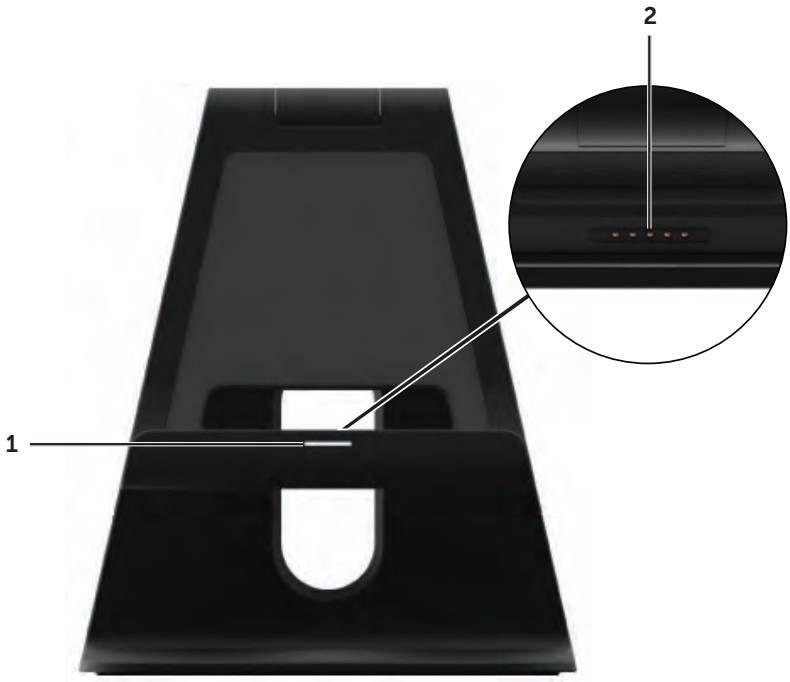
Use Microsoft account

If your computer has Microsoft Windows 8 installed, you can synchronize user settings of your computer using a Microsoft account. When you sign in with your Microsoft account on your computer, you can automatically synchronize your settings, including internet browser history, application settings, and personal files etc., with other Windows 8 PCs and computers.

1. Go to Charms, then click **Settings** → **Change PC Settings** → **Users** → **Switch to a Microsoft account** to switch your computer local account to your Microsoft account.
2. A new option will be added to **PC Settings** called **Sync your settings**.
3. Click **Settings** → **Change PC Settings** → **Sync your settings** to show all kind of toggles for synchronizing your data and settings.

Using The XPS 18 Dock (included with selected models)

Dock Features

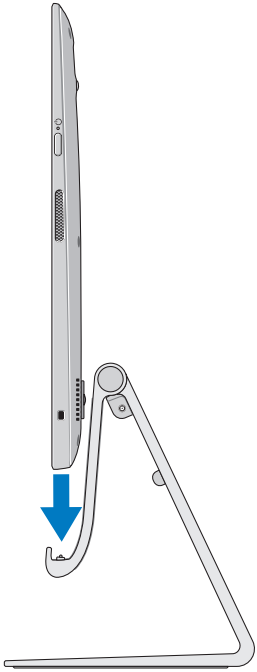


Feature	Functionality
1 Docking status light	Indicates the whether the computer is docked or not.
2 Docking connector	Connects the computer to the docking port

Feature	Functionality
1 Dock hinge	• Adjusts the viewing angle for the computer. • The range for the viewing angle is between 10° and 70°.
2 Power-adapter port	Connect the supplied power adapter to provide power to the computer, and charge the battery.
3 Adapter cord clip	Attach the power adapter cord.

Docking Your XPS 18

1 Align the docking port on the computer to the docking connector on the docking station.



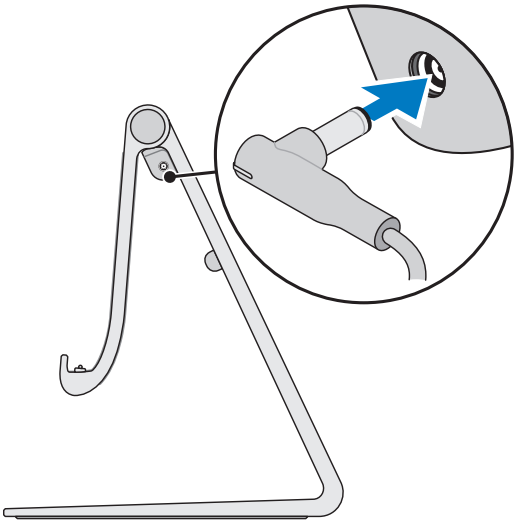
2 Place the computer onto the docking station.

3 Make sure the indicator on the docking station lights up to confirm connection.

Connecting the dock to the power source

CAUTION: Use only the supplied power adapter and power cable to charge your computer and dock. Using unauthorized power adapters or power cables may cause severe damage to your computer and dock.

1 Connect the power adapter to the power-adapter port on your dock.



2 Connect the power adapter to an electrical outlet and charge the computer and dock until the battery is fully charged.

You can check the dock status from:

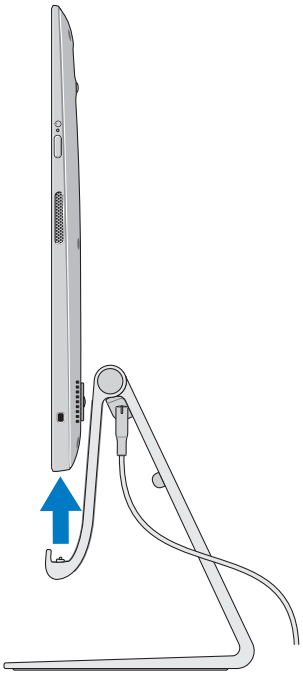
- The light located on the front side of the dock:

LED behavior	Description
Solid white color on	Computer is docked in the stand
Off	Computer is not docked in the stand or dock stand has no power connected.

For more information on checking the battery status, see battery charge status.

Undocking Your XPS 18

1 Lift the computer from the dock.



Cleaning Your Computer

CAUTION: Before you clean your computer, disconnect all the cables. Clean your computer with a soft cloth dampened with water. Do not use liquid or aerosol cleaners, which may contain flammable substances.

1. Turn off your computer. For more information on turning off your computer, see Turning Off Your Computer.
2. Disconnect any attached computers, headphones, speakers and keyboard dock from the computer and from their electrical outlets.
3. Remove any installed SD card. For more information on removing the SD card, see Remove the SD card.
4. Moisten a soft, lint-free cloth with either water or a display cleaner, and wipe the surface of the computer until it is clean. Do not allow water from the cloth to seep down to the computer ports and the surrounding **Windows** button.

NOTE: To avoid damaging the computer or display, do not spray cleaning solution directly onto the display. Only use products specifically designed for cleaning displays, and follow the instructions that are included with the product.

NOTE: Do not clean the keyboard with a moist cloth.

Troubleshooting

Battery Problems

Problems	Possible causes	Possible solution
Battery does not charge		**1** Unplug the supplied Dell AC power adapter from the wall and verify that the outlet is functioning. **2** Check all cable connections and plug back into the wall, then back into the computer. **3** Check all connectors to ensure proper connectivity.
	The computer temperature is lower than 0°C or higher than 35°C.	Charge the battery in an ambient temperature between 0 °C and 35 °C.
	The battery or power adapter is damaged.	Contact a Dell authorized reseller to replace the battery or power adapter.

System problem

Problems	Possible causes	Possible solution
Computer does not turn on	The battery is completely discharged.	**1** Charge the computer for at least 4 hours. **2** Press and hold the Power and Sleep/Wake button for 4 seconds.
Computer does not turn off		Press and hold the Power and Sleep/Wake button for 11 seconds to perform a hard shut down.
Computer is not responding or behaving unexpectedly		**1** Reboot the computer. See Turning Off Your Computer and Turning On Your Computer. **2** Refresh the computer. See Reset your computer. **3** Contact Dell's support service. Go to support.dell.com or dell.com/ContactDell.
Computer cannot boot into Windows		Boot from Windows recovery. See Recover your computer.

Software or feature is not working as expected		Restart your computer. Software updates may have been downloaded in the background. Swipe from the right edge of the display to access Charms and touch Settings → Power → Restart to restart the computer.

Touchscreen problem

Problems	Possible causes	Possible solution
Touchscreen responds slowly or improperly	Protective cover prevents the computer from recognizing your inputs.	• Gently wipe the display with a clean dry cloth. • Remove any protective covers from the touchscreen.

Network problem

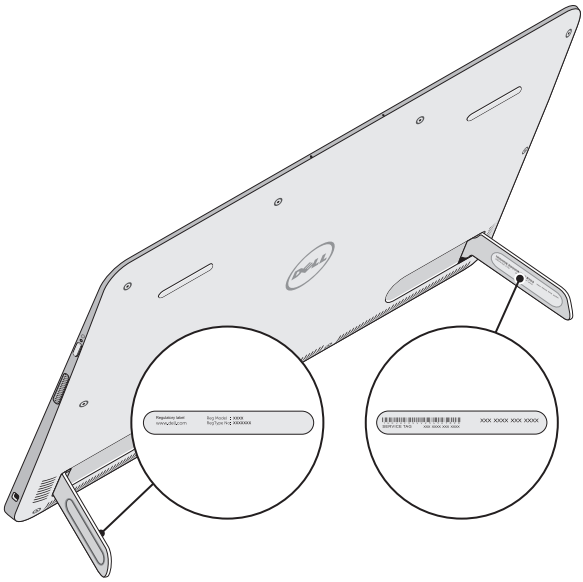
Problems	Possible causes	Possible solution
No wireless connection		**1** Check if the wireless radio is on. See Wi-Fi setting. **2** Try to get closer to the wireless access point. **3** Reset the wireless router if using a private network; open the browser to view the landing page if using a public network.
Slow Internet connections	The signal strength is not strong enough.	Move your computer to a different location for better signal reception.

Locating Your Service Tag and Express Service Code

If you are still unable to resolve the problems or require any additional help on your computer, you may contact DELL for additional technical assistance.

NOTE: Before you call, have your Express Service Code ready. The code helps Dell's automated-support telephone system direct your call more efficiently. You may also be asked for your Service Tag.

The Service Tag and Express Service Code for your computer can be found on a label at the back side of your computer.



Specifications

Physical dimensions

Height	283.7 mm (11.17 inches)
Width	463.6 mm (18.25 inches)
Depth	17.7 mm (0.70 inches)
Weight	2.0 kg (4.5 lbs)

Environmental requirements

Temperature range:	
Operating	0° to 35 °C (32° to 95 °F)
Non-Operating	-40° to 65 °C (-40° to 149 °F)
Relative humidity (maximum):	
Operating	10% to 90% (noncondensing)
Non-Operating	5% to 95% (noncondensing)
Maximum Vibration (using a random vibration spectrum that simulates user environment):	
Operating	0.66 GRMS
Non-Operating	1.30 GRMS
Maximum Shock	
Operating	140 G
Non-Operating	163 G
Altitude (maximum, unpressurized):	
Operating	-15.2 to 3048 m (-50 to 10,000 ft)
Non-Operating	-15.2 to 10,668 m (-50 to 35,000 ft)

Airborne containment level	G2 or lower as defined by ISA-S7 1.04-1985

Touchscreen display

Type	18.4" FHD with multi-point capactive touch
Maximum resolution	1920 x 1080 Full HD
Aspect ratio	16:9
Brightness	300 nits
Viewing angle	89 degrees
Contrast ratio	1000:1
Color depth	262.144 bits

Ports and connectors

Audio	2 microphone/stereo headphone/ speakers ports
SD card	1 SD card slot
Dock	1 docking port
USB	2 USB ports

AC Adapter

Input voltage	90 -240 VAC
Input current (maximum)	1.0 A
Input frequency	50-60 Hz
Output power	65 W
Output current	3.34A (max)
Rated output voltage	+19.5 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)