

Venue 8 Pro

3000 Series

User's Manual

Tablet model: Venue 8 Pro 3845

Regulatory model: T01D

Regulatory type: T01D002



Notes, Cautions, and Warnings



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



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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Contents

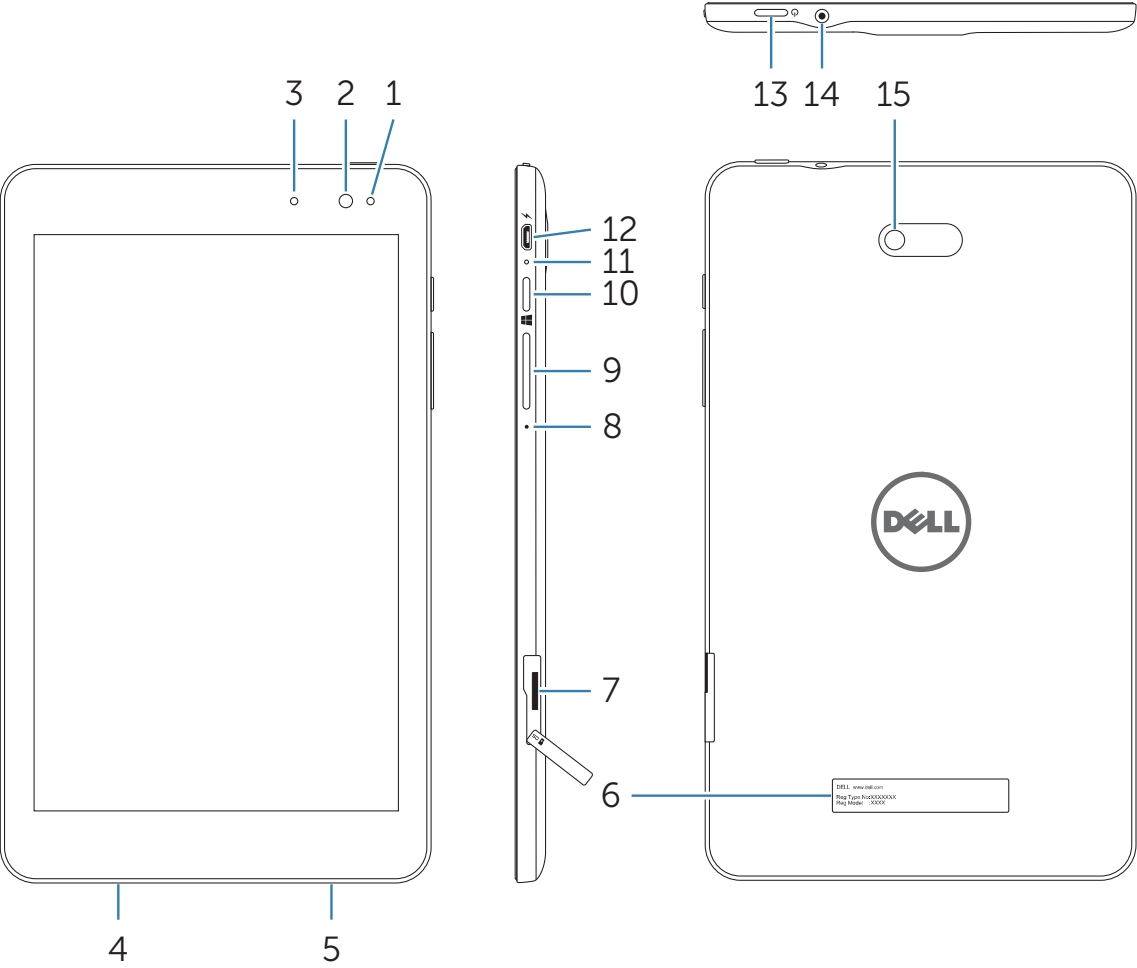
Features.....	5
Accessories.....	8
Setting Up Your Tablet	9
Charging the Tablet.....	9
Turning On Your Tablet.....	11
Turning Off Your Tablet.....	12
Turning Off the Screen	12
Inserting a MicroSD card.....	13
Removing the MicroSD card	14
Using Headphones	15
Using Your Tablet	16
Wi-Fi Setting.....	16
Bluetooth Setting	16
Gestures.....	17
Screen Orientation	20
Windows 8.1 Start Screen	20
Synchronizing Your Tablet	23
Refreshing Your Tablet.....	24
Resetting Your Tablet	25
Cleaning Your Tablet.....	26
Troubleshooting.....	27
Contacting Dell	31
Locating Your Service Tag and Express Service Code	32

Specifications..... 33

Glossary 35

Index 38


Features





Feature	Functionality
1 Ambient-light sensor	Automatically adjusts the brightness of the display's backlight based on the surrounding light intensity.
2 Front camera	<ul style="list-style-type: none">• Captures pictures or records videos.• Use while making video calls.


Feature	Functionality
3 Camera-status light	<ul style="list-style-type: none"> • Illuminates to indicate when either the front or rear camera is activated. • Flashes when the tablet is powering on or shutting down.
4 Service Tag label	Provides the Service Tag and Express Service Code needed for contacting Dell for customer service or technical support.
5 Speaker	Provides audio output.
6 Regulatory label	Provides the tablet's regulatory type and model.
7 MicroSD-card slot	Insert a microSD card to expand the tablet's storage capacity. Your tablet supports a microSD card with capacity up to 128 GB.
8 Microphone	<ul style="list-style-type: none"> • Records sound. • Provides sound input while making calls.
9 Volume buttons (2)	Press to increase or decrease volume.
10 Windows button	<ul style="list-style-type: none"> • Press to open the Windows Start screen. • Press for quick access to the most recently used app or most recently viewed screen.
11 Battery-charging status light	Indicates the battery-charge status.
12 Micro-USB port	<ul style="list-style-type: none"> • Connect the supplied power adapter to provide power to the tablet and charge the battery. • Connect USB devices for transferring data, music, photos, videos, and so on. • Connect both the supplied power adapter and USB devices simultaneously using an optional USB On-The-Go (OTG) dongle.

Feature	Functionality
13 Power button	<ul style="list-style-type: none"> • Press and hold to turn the tablet on or off. • Press to turn the display on or off.
14 Headset port	Connect a headset, headphones, microphone, or other audio equipment to listen to stereo sound, record audio, or make calls.
15 Rear camera	Captures pictures or records videos.

 **NOTE:** The front camera does not support zoom, face tracking, or the touch-to-focus feature.

 **NOTE:** The rear camera supports continuous auto-focus and touch-to-focus, but does not support zoom or the face tracking feature.

 **NOTE:** The micro-USB port does not support connecting to a computer.

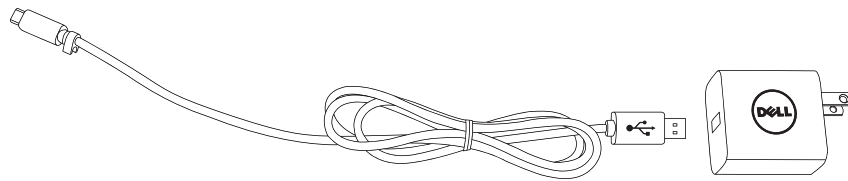
 **NOTE:** Your tablet connects to the internet only via a Wi-Fi network. For information on using Wi-Fi network, see “Wi-Fi Setting”.

Accessories

Your tablet supports the following accessories:

10 W power adapter and micro-USB cable

Provides power to your tablet and charges the battery.



Setting Up Your Tablet

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

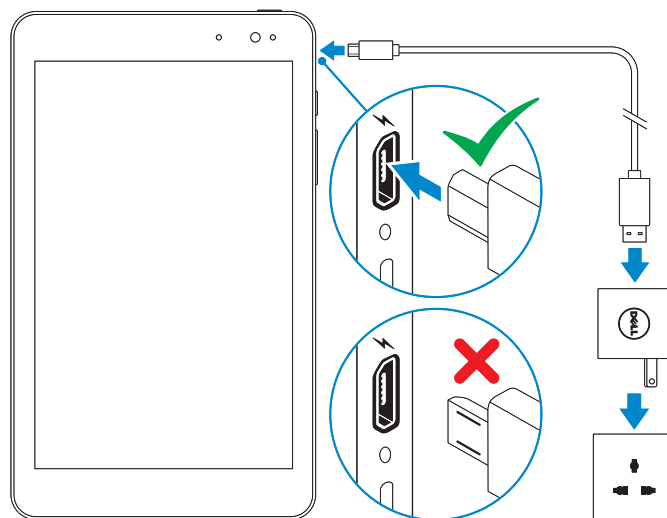
Charging the Tablet

⚠ CAUTION: Charge the battery in an ambient temperature of 0°C to 35°C (32°F to 95°F).

⚠ CAUTION: Use only the supplied power adapter to charge your tablet. Using unauthorized power adapters or micro-USB cables may severely damage your tablet.

✎ NOTE: The battery is not fully charged when you unpack your tablet.






- 1 Connect the power cable into the power adapter.
- 2 Connect the micro-USB cable to the micro-USB port on the tablet.
- 3 Connect the power adapter to an electrical outlet and charge the tablet until the battery is fully charged.



✎ NOTE: A fully discharged battery takes about 4 to 5 hours to fully charge.

You can check the tablet battery charge status from the battery-charging status light or the battery icon displayed at the bottom of the screen:

LED behavior	Description
Solid white	Battery is getting charged.
Solid amber	Battery charge is critically low and the tablet is off. NOTE: If you try turning on the tablet when the battery charge is critically low and the battery is insufficiently charged, the Dell logo flashes on the screen, the battery-charging status light illuminates for 2 seconds, and then the tablet turns off.
Off	Battery is not getting charged or battery is fully charged.

Battery icon	Description
	Tablet is connected to a power supply and the battery is fully charged.
	Tablet is connected to a power supply and the battery is getting charged.
	Tablet is running on the battery power and the battery is discharging.
	Tablet is running on the battery power and the battery charge is low.
	Tablet is running on the battery power and the battery charge is critically low.

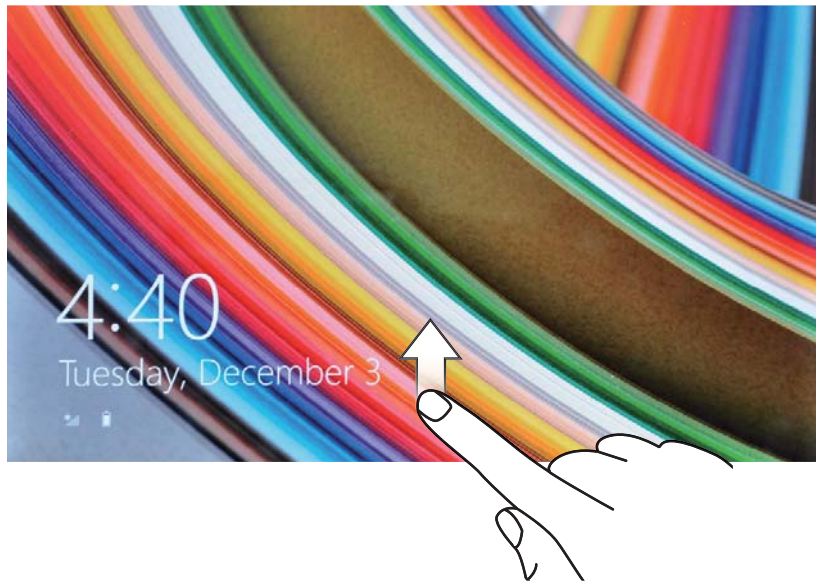
Turning On Your Tablet

When you turn on the tablet for the first time, you must finish Windows setup to start using your tablet. For more information, see the *Quick Start Guide* that shipped with your tablet.

- 1 Press and hold the power button for 2 seconds to turn on your tablet. The lock screen appears.
- 2 Swipe up your finger from the bottom of the display to switch to the login screen, and then enter password to log in to Windows.



NOTE: If the login screen is not enabled, the Start screen appears after the lock screen.





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

Turning Off Your Tablet


Using the power button:

- 1 Press and hold the power button for at least 4 seconds.
- 2 Swipe down the shutdown confirmation screen to the bottom-edge of the display to turn off the tablet.

Using the charms:

- 1 Swipe in from the right-edge of the display to access the charms.
- 2 Touch **Settings**  → **Power**  → **Shut down** to turn off the tablet.

Using the power button on the Start screen:



- 1 Touch the power button  at the top-right corner of the Start screen.
- 2 Touch **Shut down** to turn off the tablet.


Turning Off the Screen

Using the power button:

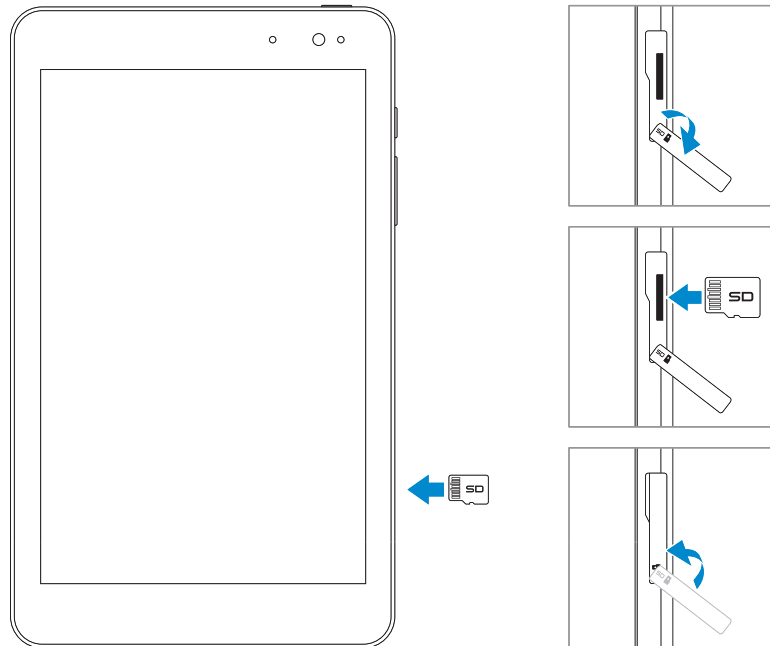
Press the power button to turn off the screen.

Using the charms:

- 1 Swipe in from the right-edge of the display to access the charms.
- 2 Touch **Settings**  → **Power**  → **Sleep** to turn off the screen.


 **NOTE:** If your tablet is in a standby state (tablet is on, but screen is off), press the power button or Windows button once to turn on the screen.


Inserting a MicroSD card




- 1** Open the slot cover.
- 2** Align the microSD card so that the pins are pointed toward the card slot and are facing toward the front of the tablet.
- 3** Push the microSD card into the card slot until it locks into place.
- 4** Close the slot cover.

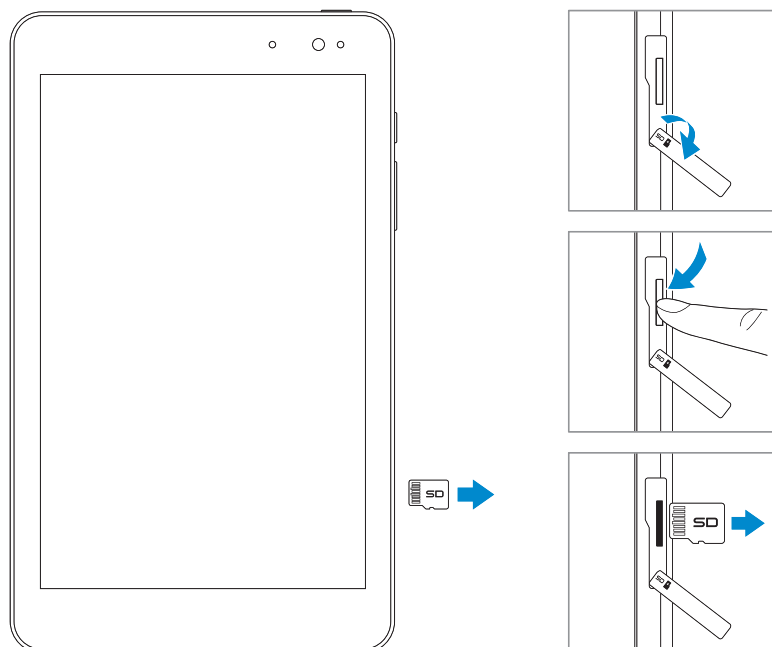
Removing the microSD card

 **CAUTION:** Removing the microSD card while it is in use may cause data loss or result in application errors. Make sure all save operations to the microSD card are complete before removing the microSD card.

- 1 Touch the Desktop tile to enter Desktop mode.
- 2 Touch **Safely Remove Hardware and Eject Media**  in the notification area at the bottom-right corner of the screen.


 **NOTE:** If you do not see **Safely Remove Hardware and Eject Media** , touch **Show hidden icons**  to display all icons in the notification area.

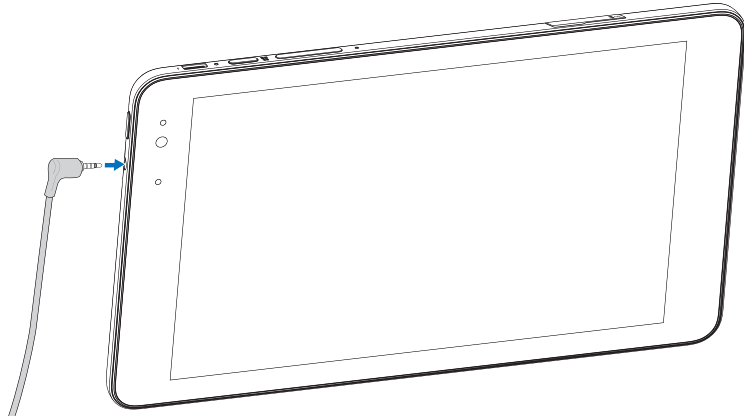
- 3 Touch **Eject SD Memory Card**. A message appears confirming that the microSD card can be safely removed. If a warning message appears stating the microSD card cannot be removed, make sure all data transfers involving the microSD card are complete.
- 4 Open the slot cover.
- 5 Press the microSD card to release it.
- 6 Slide the card out after it pops out from the microSD-card slot.




Using Headphones


You can connect a headset, headphones, microphone, or other audio equipment to the headset port of your tablet.

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



- 1 Connect headphones to the headset port (3.5 mm) on the tablet.
- 2 Insert the earphones in your ears and adjust the volume to a comfortable level.



 **NOTE:** When you connect an audio device to the 3.5 mm headset port, the integrated speaker on your tablet is muted automatically.

 **CAUTION:** To prevent damaging your headphones when disconnecting it from the tablet, pull the connector and not the cable.



Using Your Tablet

Wi-Fi Setting

Turning on/off Wi-Fi:


- 1 Swipe in from the right-edge of the display to access the charms.
- 2 Touch **Settings**  → wireless network icon .
- 3 Swipe the **Wi-Fi** slider to the right or left to turn Wi-Fi on or off.

Connecting to a network:

- 1 Swipe in from the right-edge of the display to access the charms.
- 2 Touch **Settings**  → wireless network icon .
- 3 Select an available network from the list and touch **Connect**.

Bluetooth Setting


Turning on/off Bluetooth:

- 1 Swipe in from the right-edge of the display to access the charms.
- 2 Touch **Settings**  → **Change PC settings** → **PC and devices** → **Bluetooth**.
- 3 Swipe the **Bluetooth** slider to the right or left to turn Bluetooth on or off.


Pairing with Bluetooth-enabled devices:



NOTE: Bluetooth connection between your tablet and Apple devices are not supported.

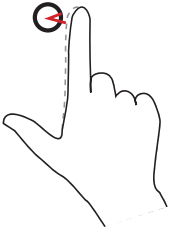
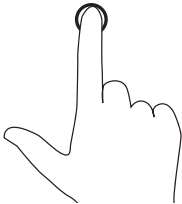
- 1 Turn on Bluetooth. For information on turning on Bluetooth, see "Turning on/off Bluetooth".
- 2 Swipe in from the right-edge of the display to access the charms.
- 3 Touch **Settings**  → **Change PC settings** → **PC and devices** → **Bluetooth**.

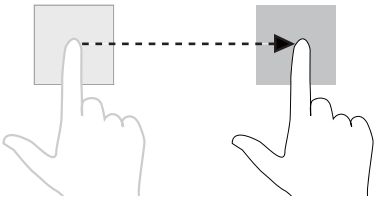
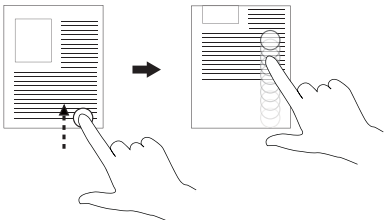
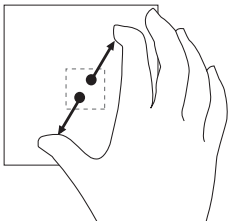
- 4 Select the Bluetooth device you want to pair with in the list of available devices and touch **Pair**.
- 5 If needed, verify that the Bluetooth passcode that appears on both the tablet and the Bluetooth-enabled device are the same.
- 6 Confirm the pairing process on both the tablet and device.

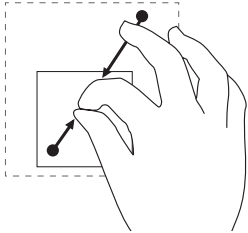
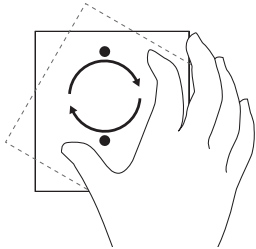
 **NOTE:** Once a device is successfully paired with the tablet it automatically connects with the tablet when Bluetooth is enabled on both tablet and device.

Gestures

Your tablet has a multitouch display. You can touch the screen to operate the tablet.

Finger gestures	Allows you to:
Touch Tap gently on the display with your fingertip. 	<ul style="list-style-type: none"> • Select items on the screen including options, entries, images, and icons. • Start apps. • Touch buttons on the screen. • Input text using the on-screen keyboard.
Touch and Hold Touch and hold your finger on the display. 	<ul style="list-style-type: none"> • Display detailed information about an item. • Open the context menu of an item to perform further actions.

Finger gestures	Allows you to:
<p>Drag</p> <ol style="list-style-type: none"> 1 Touch and hold your finger on an item on the screen. 2 Keeping your finger in contact with the display, move your fingertip to the desired location. 3 Take your finger off the display to drop the item in the desired location. 	<p>Move items such as images and icons on the screen.</p>
<p>Swipe or Slide</p> <p>Move your finger in a vertical or horizontal direction on the display.</p> 	<ul style="list-style-type: none"> • 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.)
<p>Zoom in</p> <p>Touch the display with two fingers and then move the fingers apart.</p> 	<p>Enlarge the view of an image or web page.</p>

Finger gestures	Allows you to:
<p>Zoom out Touch the display with two fingers and then move the fingers closer.</p> 	<p>Reduce the view of an image or web page.</p>
<p>Rotate Touch the display with two or more fingers and then move the fingers in a clockwise or counter-clockwise arc.</p> 	<p>Rotate an object by 90 degrees.</p>





Screen Orientation

For optimal viewing experience, the screen orientation changes automatically to portrait or landscape depending on how you hold the tablet. You can disable automatic screen rotation and lock the screen in portrait or landscape mode.



NOTE: Some apps may not support automatic screen rotation and are designed to work only in one orientation.

Locking the screen orientation

- 1 Change the screen to the desired orientation.
- 2 Swipe in from the right-edge of the display to access the charms.
- 3 Touch **Settings**  → **Screen** .
- 4 Touch  to lock the screen orientation, or touch  to unlock the screen orientation.

Windows 8.1 Start Screen




The Windows 8.1 Start screen displays a list of default and custom live tiles, which act as shortcuts to the installed apps.

Live tiles on your Start screen change and update in real time to show news and sports updates, weather updates, social-networking feeds, and so on.

The tile-based user interface gives you direct access to your most recently used apps, emails, photos, music, videos, contacts, updates from social-networking sites, and frequently viewed websites. You can pin your favorite apps as tiles to customize the Start screen.


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




NOTE: Live tiles can be added or removed by using **Pin to taskbar** , **Pin to Start** , or **Unpin from Start**  options.

Accessing the Start screen

When your computer boots into Windows, the Start screen appears by default. To access the Start screen from any other window or app, use any of the following methods:

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



If you are at the Start screen, pressing the **Start** icon  takes you to the most recently used app or most recently viewed screen.

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



Swipe left

Swipe in from the right-edge of the display to show the charms. Charms provide access to the system commands such as Start, Search, Share, Devices, and Settings options.

Swipe right

- Swipe in quickly from the left-edge of the display to switch the currently running apps.
- Swipe in slowly from the left-edge of the display to show thumbnails of open apps.
- Swipe in and out on the left-edge of the display to show a list of the most recently used apps.

Swipe up/down



- From the Start screen, swipe up from the middle of the display to show the Apps icon . Touch the Apps icon to show an alphabetical list of all apps installed on your tablet.
- From the Start screen, swipe in from the bottom-edge or top-edge of the display to show the **Customize** icon . Touch **Customize** to organize the tiles on your Start screen.
- Swipe in an app from the top to the bottom of the display to close the app.
- Swipe in an app from the top of the display and move the app to the left-edge or right-edge of the display to dock the app.

For more information on using Windows 8.1 Start screen, go to dell.com/windows8.

Synchronizing Your Tablet


Using a Microsoft account


If your computer has Microsoft Windows 8 or 8.1 installed, you can synchronize user settings of your tablet with your computer using a Microsoft account. When you sign in with your Microsoft account on your tablet, your settings including internet browser history, app settings, and personal files are synchronized with other Windows 8 or 8.1 tablets and computers on which you use the same Microsoft account.

- 1 On the tablet, access the charms and click **Settings**  → **Change PC Settings** → **Accounts** → **Your account** → **Connect to a Microsoft Account** to switch your computer local account to your Microsoft account.
- 2 Click **Settings**  → **Change PC Settings** → **OneDrive** → **Sync settings** to see the options for synchronizing your data and settings.


Copy music, photos, and videos

- 1 Connect your tablet to a USB storage device with a micro-USB to standard USB conversion cable, then transfer files to or from the USB storage device.
- 2 After transferring files, use the **Safely Remove Hardware and Eject Media** wizard to remove the USB storage device.

 **NOTE:** The micro-USB to standard USB conversion cable is sold separately and is not shipped with the tablet.


 **NOTE:** Files can also be shared with another device via Bluetooth. Before transferring files, make sure that Bluetooth is enabled on both the tablet and the paired device, and that the tablet is compatible with the Bluetooth-enabled device. For information on pairing with Bluetooth devices, see “Bluetooth Setting”. For file transfer details and Bluetooth compatibility, please refer to the software documentation on both devices.

Refreshing Your Tablet

 **CAUTION:** Though Windows restores all personal files, settings, and apps that came with your tablet and apps installed from Windows Store after refreshing your tablet, it is always recommended that you back up your data before refreshing your tablet.

Refreshing your tablet restores Windows to original factory settings without deleting any of your personal files, apps installed from Windows Store, or personalization settings.


To restore your tablet:

- 1 Swipe in from the right-edge of the display to access the charms.
- 2 Touch **Settings**  → **Change PC settings** → **Update and recovery** → **Recovery**.
- 3 Touch **Get started** under **Refresh your PC without affecting your files**.
- 4 Read the warning and touch **Next**.




NOTE: Apps installed from the Windows Store are automatically reinstalled after the refresh is complete. Apps installed from sources other than the Windows Store are removed and have to be manually installed. An HTML document `Removed Apps.html` listing the names of the Apps removed is created on the desktop after the process is complete.

Resetting Your Tablet

 **CAUTION:** Resetting your tablet erases all data from your tablet, including your account configuration, apps, music, pictures, files, and so on. Make sure that you back up all the required data before you proceed.

Resetting your tablet returns Windows to original factory settings.

To reset your tablet:

- 1 Swipe in from the right-edge of the display to access the charms.
- 2 Touch **Settings**  → **Change PC settings** → **Update and recovery** → **Recovery**.
- 3 Touch **Get started** under **Remove everything and reinstall Windows**.
- 4 Read the warning and touch **Next**.

Cleaning Your Tablet

- △ **CAUTION:** Before you clean your tablet, disconnect all the cables and turn off the tablet. Clean your tablet with a soft cloth dampened with water. Do not use liquid or aerosol cleaners which may contain flammable substances.
 - △ **CAUTION:** To avoid damaging the tablet or display, do not spray cleaning solution directly onto the display. Only use products specifically designed for cleaning displays and follow the instructions included with the product.
 - △ **CAUTION:** Do not clean the keyboard (sold separately) with a moist cloth.
- 1 Turn off your tablet. For information on turning off your tablet, see “Turning Off Your Tablet”.
 - 2 Disconnect any attached devices, headphones, and speakers from the tablet and from their electrical outlets.
 - 3 Moisten a soft, lint-free cloth with either water or a display cleaner, and wipe the surface of the tablet until it is clean. Do not allow water from the cloth to seep down to the tablet ports or buttons.

Troubleshooting

Battery problem

Problems	Possible causes	Possible solutions
Battery does not charge		<ol style="list-style-type: none">1 Check the cable, connectors, and Dell power adapter to ensure proper connectivity.2 Verify that the wall outlet is functioning by connecting another device.
	The tablet's temperature is below 0°C (32°F) or higher than 35°C (95°F).	Charge the battery in an ambient temperature between 0°C to 35°C (32°F to 95°F).
	The battery or power adapter is damaged.	Contact Dell's support service. Go to dell.com/support .
Battery does not charge when the battery charge is at 95% to 99%	The battery is in maintenance mode to prolong battery life.	<ul style="list-style-type: none">• Let the battery drain until the battery charge drops below 95%.• Restart the tablet. See "Turning Off Your Tablet" and "Turning On Your Tablet".
Battery drains quickly even when the tablet is in standby mode	If the tablet is not in the range of a network it can connect to, the tablet continues to send out signals to locate a base station and drains the battery.	<ul style="list-style-type: none">• Temporarily turn off the tablet.• Move the tablet in range of a network it can connect to or temporarily turn off the wireless connection on your tablet.

Problems	Possible causes	Possible solutions
Battery charge values are not accurate	The battery charge values are wrong or there is a rapid change in the ambient temperature.	<ol style="list-style-type: none"> 1 Press and hold the power button for 10 seconds to forcefully turn off the tablet, and force the system to obtain a new reference point for the battery charge value (do not follow the regular Windows shutdown process). 2 Perform a full battery charge/discharge cycle to recalibrate the battery charge value by charging the tablet until the battery is fully charged and run the battery power until the tablet shuts itself down.
Battery is fully charged (battery charge is at 100%) but the battery-charging status light is on		
Battery charge jumps from 90% to 100% when the battery is charging		


Touchscreen problem

Problems	Possible causes	Possible solutions
Touchscreen responds slowly or improperly	<ul style="list-style-type: none"> • The screen is dirty. • A protective cover may prevent the tablet from recognizing your inputs. 	<ul style="list-style-type: none"> • Moisten a soft, lint-free cloth with either water or a display cleaner, and wipe the surface of the tablet until it is clean. Do not allow water from the cloth to seep down to the tablet ports or buttons. • Remove any protective covers from the touchscreen.

Network problem

Problems	Possible causes	Possible solutions
No wireless connection		<ol style="list-style-type: none"> 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 home page if using a public network.
Slow internet connections	The signal strength is not strong enough.	Move your tablet to a different location for better signal reception.
Unable to pair with a Bluetooth device		<ol style="list-style-type: none"> 1 Make sure Bluetooth is enabled and follow proper Bluetooth pairing instructions. See "Bluetooth Setting". 2 If the issue is unresolved, contact Dell's support service. Go to dell.com/support.

System problem


Problems	Possible causes	Possible solutions
Tablet does not turn on	The battery is completely discharged.	<ol style="list-style-type: none"> 1 Charge the tablet for at least 4 hours. 2 Press and hold the power button for 2 seconds.
Tablet does not turn off		Press and hold the power button for 10 seconds to forcefully turn off the tablet.
Tablet locks up		Press and hold the power button for 10 seconds to forcefully turn off the tablet.
Tablet is not responding or behaving unexpectedly		<ol style="list-style-type: none"> 1 Restart the tablet. See "Turning Off Your Tablet" and "Turning On Your Tablet". 2 Refresh the tablet. See "Refreshing Your Tablet". 3 If the issue is unresolved, contact Dell's support service. Go to dell.com/support.
Tablet cannot boot into Windows		Contact Dell's support service. Go to dell.com/support .
Software or feature is not working as expected		Software updates may have been downloaded in the background. Restart your tablet (swipe in from the right-edge of the display to access the charms and touch Settings  Power → Restart).

Contacting Dell

To contact Dell for sales, technical support, or customer service issues:

- 1 Go to **dell.com/contactdell**.
- 2 Select the appropriate service or support link based on your requirement or choose the method of contacting Dell that is convenient for you.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area.

 **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.

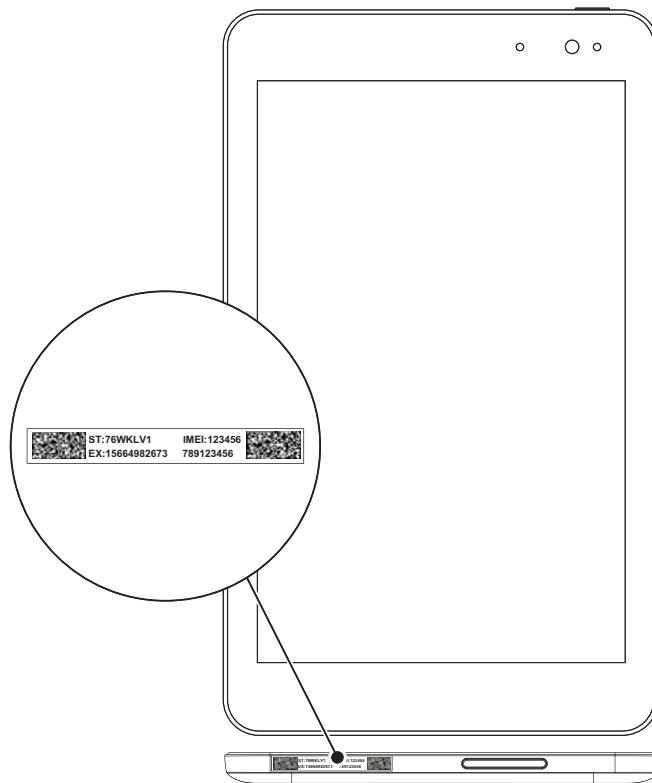
Locating Your Service Tag and Express Service Code

You must provide the Service Tag and Express Service Code of your tablet when contacting Dell for customer service or technical support.



NOTE: The telephone systems prompts you to enter the Express Service Code that helps in routing your call efficiently.

The Service Tag and Express Service Code for your tablet are located on a label at the bottom of the tablet. Example of the Service Tag and Express Service Code label is as shown in the image below:



Specifications

Dimensions and Weight

Height	216.20 mm (8.51 inches)
Width	130 mm (5.12 inches)
Thickness	9 mm (0.35 inch)
Weight	395 g +/- 5 g (0.87 lb +/- 0.01 lb)

Tablet Environmental

Temperature range:	
Operating	0°C to 35°C (32°F to 95°F)
Non-operating	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum):	
Operating	10% to 90% (noncondensing)
Non-operating	5% to 95% (noncondensing)
Altitude (maximum, unpressurized):	
Operating	-15.20 m to 3048 m (-50 ft to 10,000 ft)
Storage	-15.20 m to 10,668 m (-50 ft to 35,000 ft)

Ports and Connectors

Audio	One headset port (audio in and out supported)
MicroSD card	One microSD-card slot NOTE: Your tablet supports a microSD card with capacity up to 128 GB.
USB	One micro-USB 2.0 port

Display

Type	8-inch WXGA display with multi-point capacitive touch
Resolution (maximum)	1280 x 800
Aspect ratio	16:10
Brightness (maximum)	400 nits
Viewing angle	Symmetrical 80 degrees
Contrast ratio	800:1 (minimum); 1000:1 (typical)
Color depth	24 bit/pixel

Power Adapter

Input voltage	100-240 VAC
Input current (maximum)	0.5 A
Input frequency	50-60 Hz
Output power	10 W
Output current	2.0 A
Rated output voltage	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)

Camera

Resolution:	
Front camera	1.2 MP (16:9)
Rear camera	5 MP (16:9)

Glossary

This section provides information about the terms used in this document that is for informational purposes only and may or may not describe features included with your tablet.

A

A - ampere — A measure of the amount of electric charge passing a point in an electric circuit.

AC - alternating current — The form of electricity that powers your tablet when you plug the AC adapter power cable in to an electrical outlet.

Ambient light sensor - A feature that helps to control the display brightness.

B

Bluetooth - a wireless technology for exchanging data, communicating with a keyboard or mouse, listening to music and creating a wireless personal area network over a short distance between devices. The connection may be restricted according to the Bluetooth profiles of each device. To be marketed as a Bluetooth device, it must be qualified to standards defined by the Bluetooth SIG.

C

Charms - a Microsoft Windows 8, 8.1, or RT term for the icons that appear when you swipe in from the right-edge of the display. It provides quick access to the commonly system commands, including Search, Share, Start, Devices, and Settings options.

D

Device - Hardware such as a disk drive, printer, or keyboard that is installed in or connected to your tablet.

E

Email - Electronic mail — a method of exchanging digital messages from an author to one or more recipients via the internet. Email servers accept, forward, deliver, and store messages, and neither the users nor their computers are required to be online simultaneously.

G

GRMS - A unit of acceleration caused by the force of gravity. The grms value is typically used to express the overall energy of a particular random vibration event and is a statistical value used in mechanical engineering for structural design and analysis purposes.

H

Hz - Hertz — A unit of frequency measurement that equals 1 cycle per second. Computers and electronic devices are often measured in kilohertz (KHz), megahertz (MHz), gigahertz (GHz), or terahertz (THz).

M

MicroSD - micro-Secure Digital — A smaller size of SD which is a removable flash memory card used for storing information in portable devices, such as mobile phones, digital cameras, and tablet computers. The standard size of SD is 32 x 24 x 2.1 mm (1.260 x 0.945 x 0.083 inches) and microSD is 15 x 11 x 1.0 mm (0.591 x 0.433 x 0.039 inches).

Micro-USB - micro-universal serial bus — A hardware interface for a low-speed device such as a USB-compatible scanner, set of speakers, printer, broadband devices, imaging devices, or storage devices. Devices are plugged directly in to a 5-pin socket on your tablet, both to communicate and to supply electric power. The micro-USB port can be connected to a standard USB port using micro-USB to USB cable.

R

Resolution - The sharpness and clarity of an image produced by a printer or displayed on a monitor. The higher the resolution, the sharper the image.

S

Service Tag - A label on your tablet that identifies your tablet when you call Dell for customer service or technical support.

Shortcut - An icon that provides quick access to frequently used programs, files, folders, and drives. The 'live tiles' arrangement of your Start screen changes when a shortcut is placed on your Windows Start screen. If you touch the tile, you can open its corresponding folder or file without having to find it first. Shortcut tiles do not change the location of files.

Sleep mode - A power management mode that shuts down all unnecessary computer operations to save energy.

V

V - volt — The measurement of electric potential or electromotive force. 1 volt appears across a resistance of 1 ohm when a current of 1 ampere flows through that resistance.

VAC - voltage in alternating current — A mathematics of AC voltages, as alternating currents are caused by alternating voltages.

VDC - voltage in direct current — A measurement in a DC system. The current flows directly, in one direction in the circuit, and flows at a specific, constant voltage.

W

W - watt — The measurement of electrical power. 1 watt is 1 ampere of current flowing at 1 volt.

Wallpaper - The background pattern or picture on the Windows desktop.

Wi-Fi - A technology as a synonym for WLAN (wireless local area network) connects to the internet when within range of a wireless network.

WXGA - wide-aspect extended graphics array — A video standard for video cards and controllers that supports resolutions up to 1280 x 800.

Index

A

Accessory

- Micro-USB cable, 8
- Power adapter, 8

B

Battery

- Tablet battery status, 10
- Tablet charge, 9

Bluetooth setting, 16

Button

- Power, 7
- Volume up/down, 6

C

Charging

- Tablet, 9

Charms, 21

Connection

- Bluetooth, 16
- Wi-Fi, 16

G

Gestures

- Drag, 18
- Rotate, 19
- Swipe or Slide, 18

Touch, 17

Touch and Hold, 17

Zoom in, 18

Zoom out, 19

L

Lock screen, 11

Login screen, 11

M

MicroSD card

- Insert, 13
- Remove, 14

S

Screen

- Lock screen, 11
- Login screen, 11
- Swipe left , 21
- Swipe right, 22
- Swipe up/down , 22
- Turn off/on, 12

Service tag

- Locating, 32

Start icon

- Function, 21

Synchronize with computer, 23

T

Tablet

- Charge, 9
- Clean, 26
- Overview, 5
- Refresh, 24
- Reset, 25
- Setting, 9
- Turn off, 12
- Turn on, 11

Touchscreen Display

- Orientation, 20
- Turn off/on, 12

Troubleshooting

- Battery, 27
- Network, 29
- System, 30
- Touchscreen, 29

W

Wi-Fi setting, 16

Windows button

- Location, 5

Windows Start screen, 20