



HP Wireless Display Adapter

User Guide

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1 Getting started

Identifying components

This chapter identifies the visible hardware features of the HP Wireless Display Adapter and provides setup instructions for the adapter.

 **NOTE:** Some features of the HP Wireless Display Adapter may not be available on your computer.

Kit contents

- HP Wireless Display Adapter and cap
- HDMI-to-VGA adapter
- Micro USB-to-USB cable
- Power adapter and localized plugs
- Carrying bag

Display adapter guidelines

- **Compatibility**—The display adapter is compatible with Intel® Pro WiDi, Intel WiDi, and other Miracast capable devices as well as devices with WiFi capability. You do not have to be connected to a network to connect to the display adapter. The following table lists operating system compatibility.


Operating system	Connection type
Windows XP® and later	Intel WiDi 3.5 and later, Miracast using WiFi 802.11n or later, AP WiFi using 802.11g or later
Android 4.2 and later	Intel WiDi 3.5 or later, Miracast
Chrome OS™	WiFi 802.11n
Linux	WiFi 802.11n
Mac OS®	WiFi 802.11n limited

The display device must have VGA or HDMI support.

- **Power**—To use display adapter features, power must be connected to the display adapter.
- **Connecting and disconnecting**—The display adapter can be wirelessly connected to or disconnected from the computer whether the display device is on or off. (See [Step 2: Connecting to a display device on page 2](#) and [Disconnecting the display adapter on page 3](#).)

Setting up the HP Wireless Display Adapter

Step 1: Connecting to power

 **WARNING!** To reduce the risk of electric shock or damage to your equipment:

Plug the power cord into a grounded (earthed) outlet that is easily accessible at all times.

Disconnect power from the equipment by unplugging the power cord from the electrical outlet.

Do not disable the power cord grounding plug. The grounding plug is an important safety feature.

To ensure the correct performance of all display adapter features, connect the display adapter to a power source using the included USB cable.

1. If you are using an electrical outlet, do the following:
 - a. Connect the proper plug for your outlet to the power adapter.
 - b. Connect the USB 2.0 end of the cable to the power adapter, and then plug the power adapter into an electrical outlet

If you are not using an electrical outlet, connect the USB 2.0 end of the USB cable to a powered USB port.


2. Connect the micro USB end of the USB cable to the display adapter.

Step 2: Connecting to a display device

- ▲ To connect a display device such as a monitor or projector to the display adapter, determine whether the device has an HDMI port or a VGA port.
 - If your display device has a VGA port, first connect the display adapter to the HDMI-to-VGA adapter, and then connect the display adapter to the VGA port on the device.
 - If your display device has an HDMI port, connect the display adapter directly to the HDMI port on the device.

Step 3: Connecting to a computer or other electronic device

The HP Wireless Display adapter can run in two modes: Miracast/Intel WiDi and presentation mode (WiFi). You can connect wirelessly to the display adapter using electronic devices such as computers, tablets, and smartphones. See your device's documentation to determine whether the device is Intel WiDi, Miracast, or WiFi capable.

 **NOTE:** After the display adapter starts up, a home screen on the display device (the remote display) provides the connection information for the two available modes.

To connect using Intel WiDi:

- ▲ Run your electronic device's Intel WiDi software and select the remote display. Then, select **Connect**. If necessary, type in the PIN shown on the home screen of the remote display under Compatible with Intel® Pro WiDi, Intel WiDi / Miracast. See your device's documentation for more information about creating an Intel WiDi connection.

To connect using Miracast:

- ▲ Run your electronic device's Miracast software and select the SSID for the display adapter. See your device's documentation for more information about creating a Miracast connection. Miracast software names include Screen Mirroring, Screencasting, and Wi-Fi Direct.

For example, Windows 8.1 devices are Wi-Fi Direct native. To connect, display the charms. Select **Devices**, and then select **Project**. The first time you connect, select **Add a wireless display**. Then, select the display adapter. Ignore the dialog box that tells you to press a button on the device.

To connect using WiFi:



NOTE: To use presentation mode on a device with a Mac or Linux operating system, you must install Oracle Java 7 and change the Java security level to medium.

1. On your electronic device, connect to the SSID as shown on the home screen.
2. Open your browser if it does not open automatically. If you are connecting for the first time, select **Continue** when the welcome page appears. If you are not connecting for the first time, select the **Admin** tab, enter the password, and go to step 7.
3. Enter a PIN in the **PIN Code** box. Enter the same PIN in the **Confirm PIN Code** box.
4. Enter a PIN in the **Admin. password** box. Enter the same PIN in the **Confirm Admin. Password** box.
5. Select **OK**.
6. If an error message appears, repeat steps 3–5. Otherwise, click **Continue**.
7. If you do not need to connect to the Internet, go to step 10. Otherwise, select the **Admin** tab, enter the administrator password, select **OK**. Select **Apply** after you have configured the settings. After the settings validate, select **Continue** to configure other settings or **Reboot Device** to apply the settings.
8. To connect to the internet, select the **Home** tab, and then select **Connect**. Select the configured network from the list of Wi-Fi Networks.
9. Enter your password, and then select **OK**.
10. Select **Use Presentation Mode Application**. Download and run the utility.
11. Select the **START** button to project the electronic device's screen on the remote display, the **STOP** button to stop projecting, or the **EXIT** button to close the utility. The appearance of these buttons might change depending on your operating system.

Step 4: Preventing Sleep or Hibernation

If your computer or other electronic device enters Sleep, Hibernation, or an equivalent mode, the display adapter will be disconnected. See your device's documentation for instructions on preventing Sleep or Hibernation.

Disconnecting the display adapter

1. Disconnect the display adapter from the device.
2. Disconnect the USB cable from the display adapter and then from the power source.
3. Store the display adapter and accessories in the carrying bag.

2 Using the software

Updating the firmware

This can only be done after connecting a Windows® computer to the display adapter using WiFi.

1. After wirelessly connecting your computer to the display adapter, select **Admin** and then select **Firmware** on your electronic device.
2. Select **File**, and then select the firmware image to be uploaded to the display adapter.
3. Select **Upload new Firmware**.
4. The system reboots twice. Do not turn off the power during the upgrade.

Restoring the default password

To restore the password to the default, “admin”:

- ▲ As the display adapter starts up, repeatedly press the button on the side of the display adapter. A screen confirming the password reset will appear on the remote display. Do not turn off the power during the password reset.

Restoring the default settings

1. After wirelessly connecting your computer to the display adapter, select **Admin** and then select **Restore Defaults** on your electronic device.
2. Select **Restore**.

3 Troubleshooting

Solving common problems

The following table lists possible problems and the recommended solutions.

General use and connection problems

Problem	Possible cause	Solution
There is no welcome or home screen on my remote display.	The display adapter is not connected to power.	Connect the display adapter to power.
	The display adapter is not connected to AC power correctly.	Use the included USB cable and power adapter with the localized plug for your country to make sure that adequate power is provided to the display adapter. See Step 1: Connecting to power on page 2 .
	The display adapter is not connected to a USB port with enough power.	Make sure that the USB port provides at least 5 V and 1 A. See your device's documentation for information about the power provided.
I do not know if the display adapter is powered.	There is no power light on the display adapter.	When the display adapter is powered correctly, the home screen appears on the remote display.
My Intel WiDi- or Miracast-capable device does not scan for or locate the display adapter.	This is usually a problem with the utility on your device.	Restart either your utility, your device, or both. See your device's documentation if the issue is not resolved.
	If your device has Bluetooth, it could be conflicting with your utility.	Disable Bluetooth, and then create a connection.
My browser does not automatically direct me to the display adapter website.	This could be because of your browser settings.	Enter 192.168.16.1 in the URL box to go the website manually.
I want to start a new session.		<p>If you want to start a new session and are still running your current session, wait 5 seconds after closing your current session before starting a new one. You can start your new session in a different mode.</p> <p>If you want to start a new session and you have closed the utility, locate where you downloaded the utility and then open it. If you did not download the utility, go to the display adapter website.</p>
I cannot connect to the Internet in presentation mode.	You might need to connect through a second network adapter.	If you have a second network adapter on your electronic device, use the following procedure to connect to the internet:

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1. Connect the display adapter to the remote display and your electronic device.
 2. On the display adapter website, select **Admin**, and then select **Basic**.
 3. Clear **Auto Connect Soft AP**, and then select **Apply**.
 4. Connect to the Internet.

An installation prompt appears on my electronic device when I connect in presentation mode.


Your device does not require any external drivers to use the legacy WiFi support; however, there is a utility that needs to be downloaded from the display adapter to your electronic device.

Download the program when prompted.

For more information

For U.S. support, go to <http://www.hp.com/go/contactHP>. For worldwide support, go to http://welcome.hp.com/country/us/en/wwcontact_us.html.


For the fastest possible resolution of your problem, have the following information available when you contact support.

 **NOTE:** The serial number and other information for the display adapter can be found on the service label located on the bottom of the display adapter.

- Model name and number for the computer and display device used with the display adapter
- Serial numbers for the computer, display device, and display adapter
- Dates the computer, display device, and display adapter were purchased
- Conditions under which the problem occurred
- Error messages that have been displayed
- Hardware and software you are using
- The manufacturer and model of components connected to the computer and display device

Choose from the following types of support:

- Chat online with an HP technician.

 **NOTE:** When chat is not available in a particular language, it is available in English.

- Find HP support worldwide telephone numbers.
- Locate an HP service center.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For operation within 5.15 ~ 5.25GHz frequency range, it is restricted to indoor environment. This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FOR COUNTRY CODE SELECTION USAGE (WLAN DEVICES)

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

Industry Canada statement:

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Caution :

the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

Avertissement:

les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.