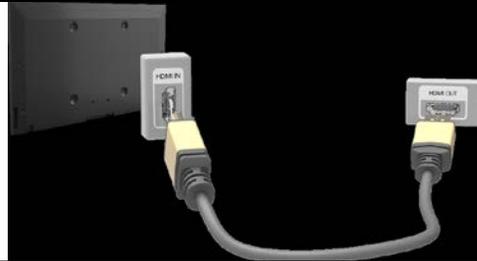


SMART TV – The Basics

To use the TV as a Computer Monitor

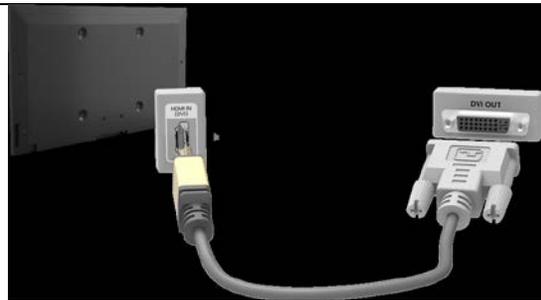
Connect through the **HDMI Port** using an **HDMI cable**.

Once the connection has been made, press the **SOURCE** button to select the connected external device.



Connect through the **HDMI (DVI) port** using a **DVI to HDMI cable**.

Once the connection has been made, press the **SOURCE** button to select the connected external device.



- To connect a Mac with Thunderbolt connector to the TV, Mini DisplayPort to HDMI Video Adapters are available for check-out at the AMLF Help Desk.

Mirror a mobile device's screen on the TV

- Run **Screen Mirroring** on the mobile device and select the TV from the list of available devices to connect to (device must support Screen Mirroring).
- In the pop-up displayed on the TV, select **Allow** to connect the mobile device.

Connect a mobile device without a wireless router (Wi-Fi Direct)

- Enable **Wi-Fi Direct** on the mobile device (device must support Wi-Fi Direct).
- Navigate to **Network** and select **Wi-Fi Direct** on the TV.
- Select the device from the list to initiate the connection, then select **Allow**.

Smart Hub (surf the Web and launch Apps)

- **Installing an App from the SAMSUNG APPS screen:** select **Most Popular**, **What's new**, or **Categories**, move the focus to an app, and then press and hold the  button. A pop-up menu appears. Select **Download**.
- **To launch an App:** select an app on the **SAMSUNG APPS** screen, and then press the  button.
- **Deleting an App:** move focus to the app you want to remove, then press and hold the  button. A pop-up menu appears. Select **Delete**.

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Samsung UN48J5200AF SMART TV Guide

- The TV is connected to the network via LAN jack
- There is no cable or antenna attached for “over the air” TV channels
- However, lots of content is available via Samsung SMART Hub Apps
- Notable Apps that have already been installed:



[Al Jazeera](#)



[National Film Board of Canada](#)



[TOU.TV](#)



[TV5](#)



[YouTube](#)

- As the TV is public, we do not recommend signing in to personal accounts like Netflix via the SMART Hub. Instead, attach and play from an external device: laptop, tablet, smartphone, etc.
- Here is the link to the McGill Library page of Streaming Resources:
<http://libraryguides.mcgill.ca/musicaudiovideo>
- Note that Kanopy and Criterion Pictures do not feature SMART Hub Apps, therefore an external device is needed to play content from those.

The following excerpts are from the full Samsung UN48J5200AF manual, which can be found here:

http://downloadcenter.samsung.com/content/UM/201504/20150417115111056/ENG-US_NMATSCJ-1.104-0410.pdf

Connecting to a Computer

You can connect a computer directly to the TV using an HDMI or DVI to HDMI cable and use the TV as a monitor. You can also connect the TV to a computer via your home network and access media files saved on the computer on the TV screen. The kinds of connections you can make are listed below.

To use the TV as a Computer Monitor

- Connect through the HDMI Port using an HDMI cable.

You can connect the computer to the TV using an HDMI cable and display the computer screen on the TV.

- Connect through the HDMI (DVI) port using a DVI to HDMI cable.

You can connect a computer to the TV by connecting the computer's DVI port to the TV's HDMI (DVI) port with a DVI to HDMI cable and display the computer screen on the TV.

To Access Media Files on a Computer and View or Play Them on the TV

- Connect Through Home Network.

Quickly access photo, video, and music files saved on a computer by connecting the TV and the computer to the same router or AP.

Connecting Through the HDMI Port

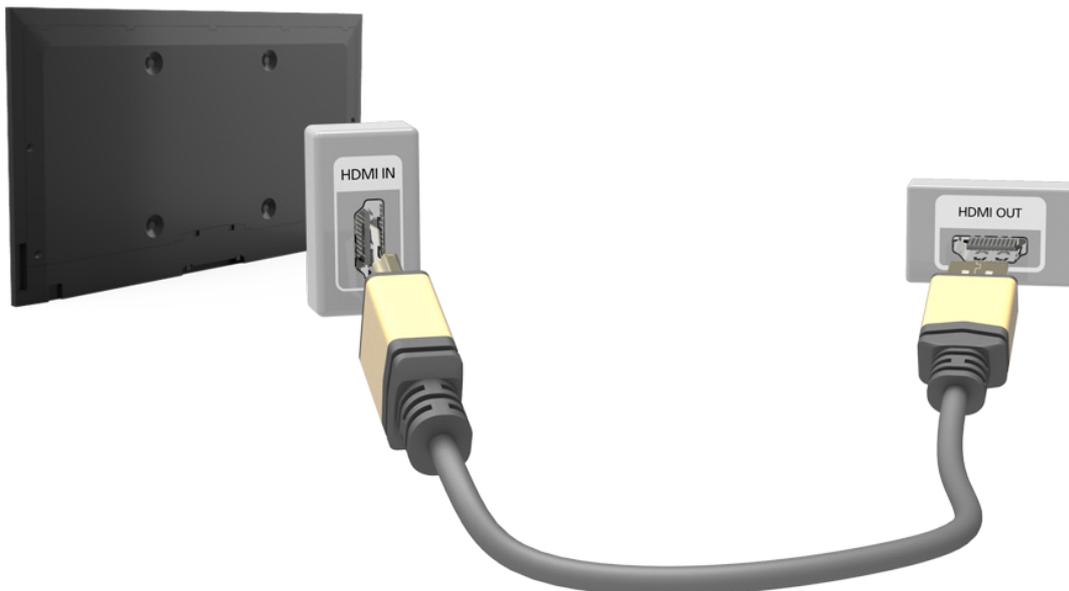
For an HDMI connection, we recommend one of the following HDMI cable types:

- High-Speed HDMI Cable
- High-Speed HDMI Cable with Ethernet

- ✎ Use an HDMI cable with a thickness of 0.55 inches (14mm) or less. Using a non-certified HDMI cable may result in a blank screen or a connection error.
- ✎ Some HDMI cables and devices may not be compatible with the TV due to different HDMI specifications.
- ✎ This TV does not support HDMI Ethernet Channel. Ethernet is a LAN (Local Area Network) built on coaxial cables standardized by the IEEE.
- ✎ Many computer graphics adaptors do not have HDMI ports, but have DVI ports instead. If your computer graphics adaptor has a DVI port, use a DVI to HDMI cable to connect the computer to the TV. For more information, refer to "[Connecting With a DVI to HDMI Cable](#)".

Refer to the diagram and connect an HDMI cable to the computer's HDMI output connector and the TV's HDMI input connector.

- ✎ The number of ports, and their names and locations may vary depending on the model.



Once the connection has been made, press the **SOURCE** button to select the connected external device.

Connecting With a DVI to HDMI Cable

If the graphics adapter of your computer does not support the HDMI interface, connect the computer to the TV with a DVI (Digital Visual Interactive) to HDMI cable. Note that the DVI to HDMI connection is only supported by the HDMI (DVI) port and does not support audio signal transmission. To listen to the computer sound, connect external speakers to the computer's audio output connector.

 For the resolutions supported by the TV, refer to "[Read Before Connecting a Computer \(Supported Resolutions\)](#)".

Refer to the diagram and connect the DVI to HDMI cable to the TV's HDMI (DVI) port and the computer's DVI output port.



Once the connection has been made, press the **SOURCE** button to select the connected external device.

Connecting To a Mobile Device

You can connect a mobile device such as a smartphone or tablet directly to the TV, or connect it to the network and display the mobile device's screen or play its content on the TV. The kinds of connections you can make are listed below.

- **Connect by Mirroring the Mobile Device's Screen on the TV (Screen Mirroring)**

Wirelessly connect the TV and the mobile device with the mirroring function. You can view the mobile device's screen on the TV screen.

 This option is available only on a mobile device that supports the mirroring function.

 This option may differ from the mobile's software.

- **Connect Mobile Devices without a Wireless Router (Wi-Fi Direct)**

Wi-Fi Direct enables you to connect the TV and the mobile device without a router or AP. Quickly access and play photo, video, and music files in the connected mobile device on the TV.

 This option is available only on a mobile device that supports the Wi-Fi Direct function.

- **Connect Through Home Network**

You can conveniently play photo, video, and music files saved on a mobile device by connecting the mobile device and the TV to the same router or AP.

Screen Mirroring

 This option may differ from the mobile's software.

[MENU](#) > [Network](#) > [Screen Mirroring](#) [Try Now](#)

Wirelessly connect a mirroring-enabled mobile device to the TV and play the video and audio files stored on the device on the TV. Mirroring refers to the function that plays the video and audio files located on a mobile device on a TV and on the mobile device simultaneously.

 To use the Screen Mirroring function, the mobile device must support a mirroring function such as AllShare Cast or Screen Mirroring. To check whether your mobile device supports the mirroring function, please visit the mobile device manufacturer's website.

 The video or audio may intermittently stop depending on network conditions.

Connecting via a mobile device

1. On the mobile device, run [Screen Mirroring](#). The mobile device searches for available devices to connect to.
2. In the search result list, select the TV. The TV displays a pop-up at the top of the screen.
3. In the pop-up, select [Allow](#) to connect the mobile device.

 All previously allowed mobile devices will automatically connect without needing approval.

 If you select [Deny](#), the device cannot connect. In addition, you are setting the device's connection status to Deny and it will not be able to connect in the future unless you change its connection status. To change the connection status of a denied device, Navigate to [Network](#) > [Screen Mirroring](#) > [Device Manager](#), select the device, and then select [Allow](#).

Connecting by Automatically Allowing the Connection

1. Navigate to **Network > Screen Mirroring**, and then select **Screen Mirroring**. The **Screen Mirroring** function starts. You can also start screen mirroring by pressing the **SOURCE** button on your remote, and then selecting **Screen Mirroring** from the list at the top of the screen.
2. Launch Screen Mirroring on your mobile device. The device searches for available devices.
3. Select the TV from the list. The TV automatically allows the connection and the device connects.

 If the mobile device cannot connect, try turning the TV off and on.

Managing the Connection Status of Previously Connected Mobile Devices

-  This function is only available if devices have previously connected to the TV or have previously attempted to connect and been denied.
1. Navigate to **Network > Screen Mirroring > Device Manager**. The TV displays a list of devices that have previously connected to the TV or have tried to connect to the TV and been denied. The status of the connection (Allow/Deny) is also displayed.
 2. Select a device. A pop-up appears.
 3. In the pop-up, you can select Allow connection, Deny connection, or Delete the device from the list.

Connecting Mobile Devices without a Wireless Router (Wi-Fi Direct)

Navigate to [MENU](#) > [Network](#) > [Wi-Fi Direct](#) [Try Now](#)

You can connect a mobile device with the Wi-Fi Direct feature directly to the TV without using a wireless router or AP. By connecting a mobile device to the TV through [Wi-Fi Direct](#), you can play photo, video, and music files saved on the mobile device on the TV.

 This option is available only on a mobile device that supports the Wi-Fi Direct function. Please check if your mobile device supports Wi-Fi Direct.

 The video or audio may intermittently stop depending on network conditions.

1. Enable Wi-Fi Direct on the mobile device, and then navigate to [Network](#) and select [Wi-Fi Direct](#) on the TV. The TV automatically scans for and displays a list of available devices. The TV's name also appears on the mobile device.
2. Select the device from the list to initiate a connection. If a connection request is made by the TV, a permission message appears on the mobile device and vice versa.
3. Allow the connection. The TV and mobile device connect.

Smart Hub

[MENU](#) > [Smart Hub](#) > [Open Smart Hub](#) [Try Now](#)

With Smart Hub, you can surf the web and download apps.

-  Some of the Smart Hub services are for pay services. To use a for pay service, you must have an account with the service provider or a Samsung Apps TV account. Refer to the "[Using Smart Hub with a Samsung Account](#)" section for more information.
-  The TV must be connected to the Internet to access Smart Hub.
-  Some Smart Hub features may not be available depending on the service provider, language, or region.
-  To use Smart Hub, you must agree to the end user agreement and privacy policy. Otherwise, you will not be able to access the features and services associated with them. You can view the entire text of the [Terms & Policy](#) by navigating to [Smart Hub](#) > [Terms & Policy](#). If you want to stop using Smart Hub, you can cancel the agreement. [Try Now](#)
-  Smart Hub service outages can be caused by disruptions in your Internet service.

Testing Smart Hub connections

[MENU](#) > [Support](#) > [Self Diagnosis](#) > [Smart Hub Connection Test](#)

If Smart Hub is not functioning, navigate to [Support](#) > [Self Diagnosis](#) > [Smart Hub Connection Test](#). Diagnose the problem by checking the internet connection, your ISP, the Samsung server and the Samsung Apps panels.

-  After completing the test, if Smart Hub continues to have problems, contact your Internet Service Provider or a Samsung Contact Center.

Opening the First Screen

Press the **SMART HUB** button while watching TV to open the **First Screen**.

On the **First Screen**, search through favorite apps, channels, or sources and access previously run or frequently used functions.

Setting your favorite item

1. Press the **SMART HUB** button to open the **First Screen**, and move to a desired item.
2. Press and hold the  button. The Options menu appears.
3. In the Options menu, select **Add to Favorites** to add the selected item to the favorite list, which will move top of the list.

 To delete a favorite item, select it, and then press and hold the  button to display the context menu. Then, select **Remove**.

Deleting browsing history

1. Press the **SMART HUB** button to open the **First Screen**, and select **Reset**. You will be asked to confirm your selection.
2. Select **Yes** on the screen. Your browsing history is deleted completely.

 However, the Favorites list items will not be deleted.

 You can also delete your browsing history by selecting **Reset** in the **Smart Hub > First Screen Settings** menu.

Moving to the Panel Screen

Press the **SMART HUB** button to open the **First Screen**, and select the Panel icon. On the Panel screen for each service panel, the following are available:

-  **SAMSUNG APPS**

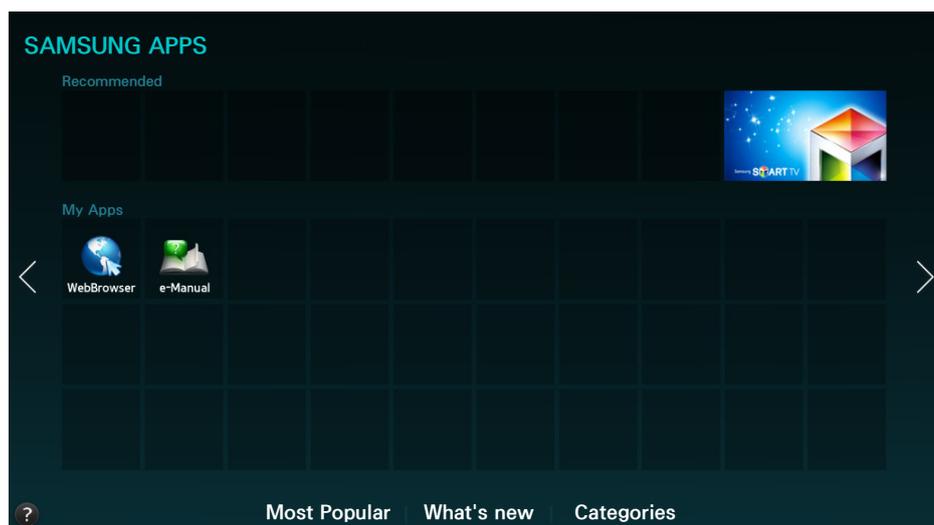
You can enjoy a variety of free and for pay news, sports, weather, and gaming apps on the TV as you would on a smart phone or tablet.

Resetting Smart Hub's First Screen

MENU > Smart Hub > First Screen Settings > Reset

Reset lets you reset Smart Hub's first screen and remove your favorite lists.

Using the SAMSUNG APPS Panel



 Usability depends on your specific model and local region.

Smart Hub offers a variety of free news, sports, weather, and gaming apps you can install directly to and enjoy on your TV. The first line on the screen contains apps recommended by Samsung. These apps were automatically downloaded to your TV when you set up Smart Hub. The lines of apps below the first line contain some apps that were automatically downloaded to your TV and other apps you have selected and downloaded.

 Your TV must be connected to the Internet for you to use **SAMSUNG APPS**.

 When Smart Hub is launched for the first time, the default apps are automatically installed. The default apps may differ depending on the region.

Using Supported Features via the Pop-Up Menu - Downloaded Apps

Move the focus to an app in the second row or below, and then press and hold the  button. The Tools menu appears displaying the following functions.

- **Move**
Lets you relocate an app on the screen.
- **Delete**
Lets you remove a selected app from your TV.
- **Multi Delete**
Lets you remove multiple apps from the TV.
- **View Details**
Displays detailed information about a selected app.
- **Change View**
Lets you change how the apps are sorted on the screen, by **Custom** or **Most Played**.
- **Lock/Unlock**
Lets you lock or unlock an app.
- **Update Apps**
Displays a list of apps that have updates available. You can select which apps to update.

Using Supported Features via the Pop-Up Menu - Recommended Apps

Move the focus to a recommended app in the top row, and then press and hold the  button. A drop down list appears with the following functions.

- **View Details**
Displays detailed information for a selected app.
- **Update Apps**
Lets you update the apps when updates are available.
- **Lock/Unlock**
Lets you lock or unlock an app.

Installing an App

Quick Installation

1. On the **SAMSUNG APPS** screen, select **Most Popular**, **What's new**, or **Categories**.
 -  **Most Popular** and **What's new** show the most popular and new Samsung apps, respectively. To view the entire app list by genre, select **Categories**. When the Categories screen appears, select a category icon to view the apps in that category.
2. Move the focus to an app, and then press and hold the  button. A pop-up menu appears.
3. On the pop-up menu, select **Download**.
 -  Most apps are free to install.
 -  While an app is being installed, the progress bar appears at the bottom of the app icon so that you can monitor the progress of the installation.
4. The selected app is installed on the TV.
 -  You can view installed apps on the **SAMSUNG APPS** screen.

Installing an App from the Detailed App Information Screen

1. On the **SAMSUNG APPS** screen, select **Most Popular**, **What's new**, or **Categories**.
 -  The **Most Popular** and **What's new** show the most popular and new Samsung apps, respectively. To view the entire app list by genre, select **Categories**. When the Categories screen appears, select a category icon to view the apps in that category.
2. Select an app from the list. Detailed information about your selection appears on the screen.
3. Select **Download** to install the selected app on the TV.
 -  Most apps are free to install.
 -  While an app is being installed, the progress bar appears at the bottom of the app icon so that you can monitor the progress of the installation.
4. When the installation is complete, the **Download** button changes to **Open**.
 -  You can view installed apps on the **SAMSUNG APPS** screen.

Additional Notes

-  When the TV's internal memory is insufficient, you can install an app on a USB device.
-  You can view icons for the apps saved on the USB device on the Apps screen only when the device is connected to the TV. You can use an app installed on a USB device only when the USB device is connected to the TV. If the USB device is disconnected while the app is running, the app is terminated.
-  You can use the app installed on the USB device on a PC or another TV.

Launching an App

Select an app on the **SAMSUNG APPS** screen, and then press the  button. You can also start an app from its Detail screen.

-  This option is only available when the app is installed on a USB device.

Relocating an App on the Apps Screen.

1. On the **SAMSUNG APPS** screen, select to the app you want to move.
2. Press and hold the  button. A pop-up menu appears.
3. On the pop-up menu, select **Move**.
 -  You may be asked to change the view to Custom.
4. Highlight an app you want to move. Move the app to a desired location use the arrows buttons.
5. When the app is in it's new location, press the  button.
 -  You cannot move Recommended Apps.

Deleting an App from the TV

-  If an app is deleted, the data related to the app is also deleted.

Deleting an App

1. On the **SAMSUNG APPS** screen, move to the app you want to remove.
2. Press and hold the  button. A pop-up menu appears.
3. On the pop-up menu, select **Delete**. A removal confirmation window appears.
4. Select **Yes**. The selected app is deleted.

Removing Multiple Apps

1. On the **SAMSUNG APPS** screen, move to an app you want to remove.
2. Press and hold the  button. A pop-up menu appears.
3. On the pop-up menu, select **Multi Delete**. A check box appears on the app icons.
4. Select all the apps you want to delete. A check mark appears on each app you select. When done, select **Delete** at the bottom of the page. A removal confirmation window appears.
5. Select **Yes**. The selected apps are deleted.

Rating/Reviewing an App

On the detailed app information screen, you can rate an app or send a review to the app developer.

-  To rate or review an app, you must log into your Samsung account. You can only rate or review with a TV purchasing apps and games.

Updating Apps

1. On the **SAMSUNG APPS** screen, select an app.
2. Press and hold the  button. A pop-up menu appears.
3. On the pop-up menu, select **Update Apps**. A pop-up window listing all the apps with available updates.
4. Select the apps you want to update, and then select **Update**. All the selected apps are updated to the latest version.

-  You can choose all the apps listed in the Update window at once by selecting **Select All**.

Setting Auto App Update

To update apps automatically, navigate to **Smart Hub > Apps Settings** and set **Auto Update** to **On**. The apps will then be updated automatically when an update becomes available.