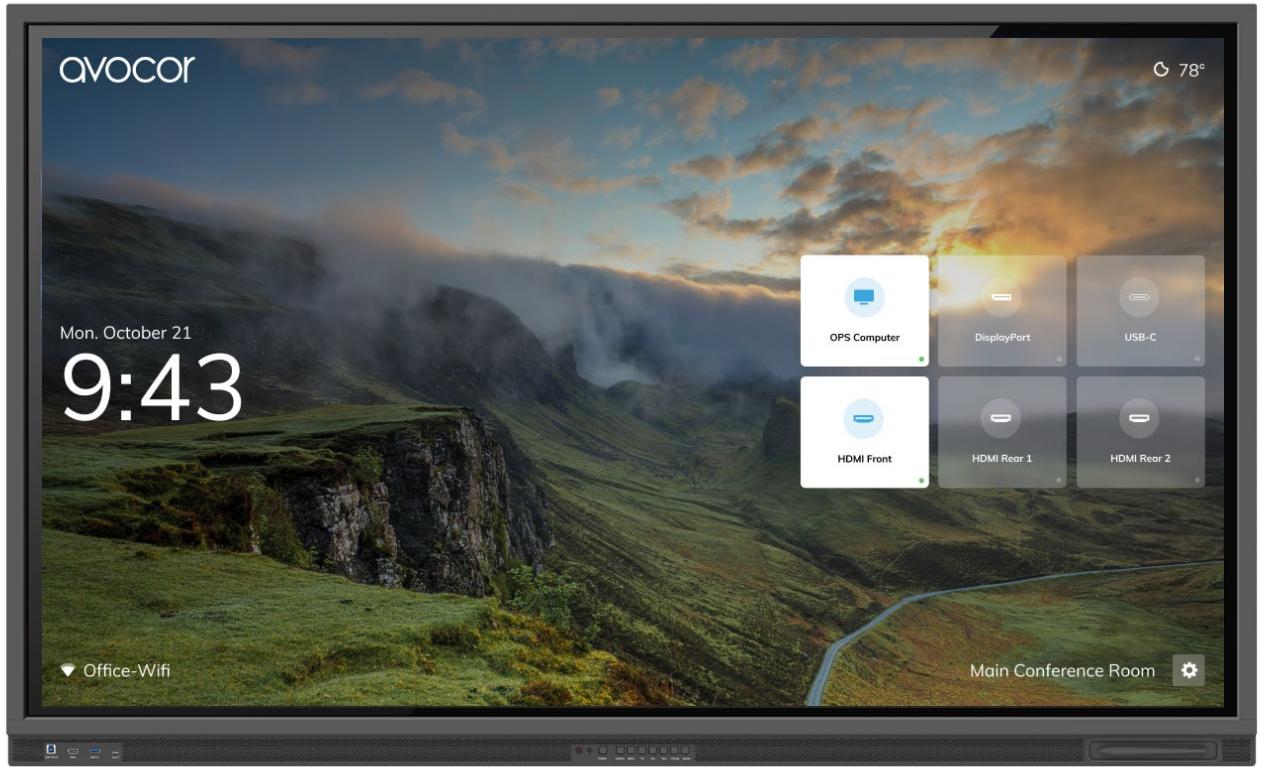


E-40 Series

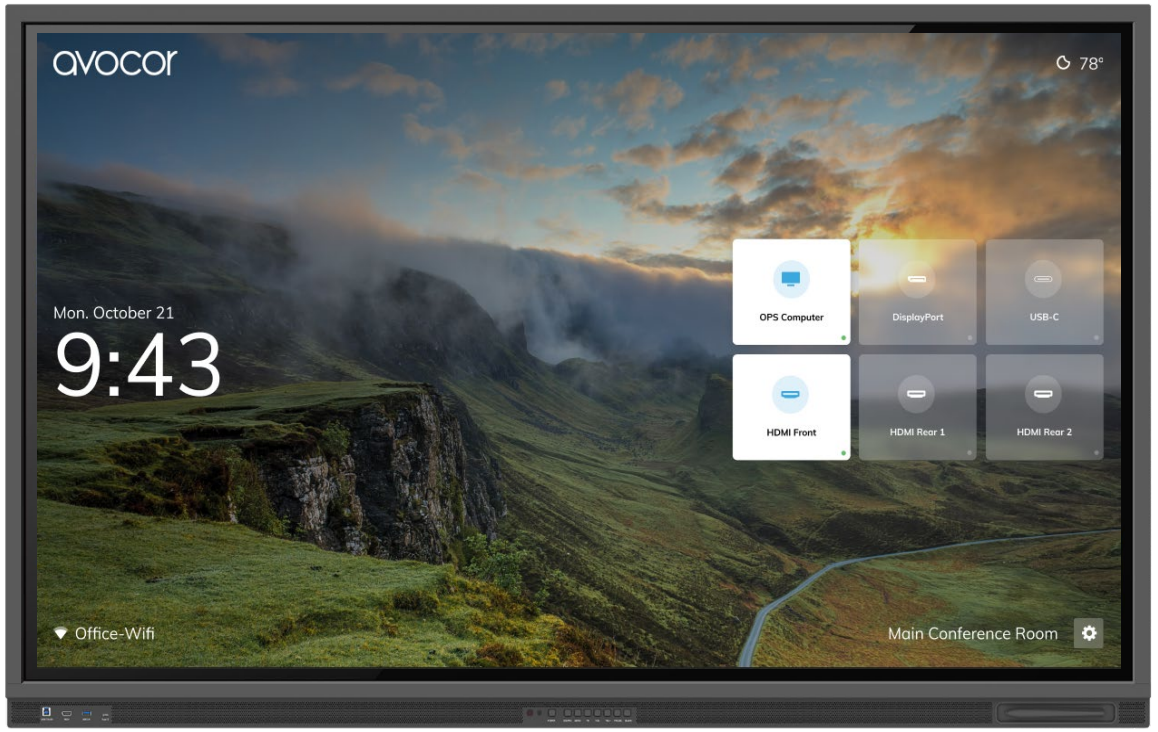
AVE-5540 / AVE-6540 / AVE-7540 / AVE-8640

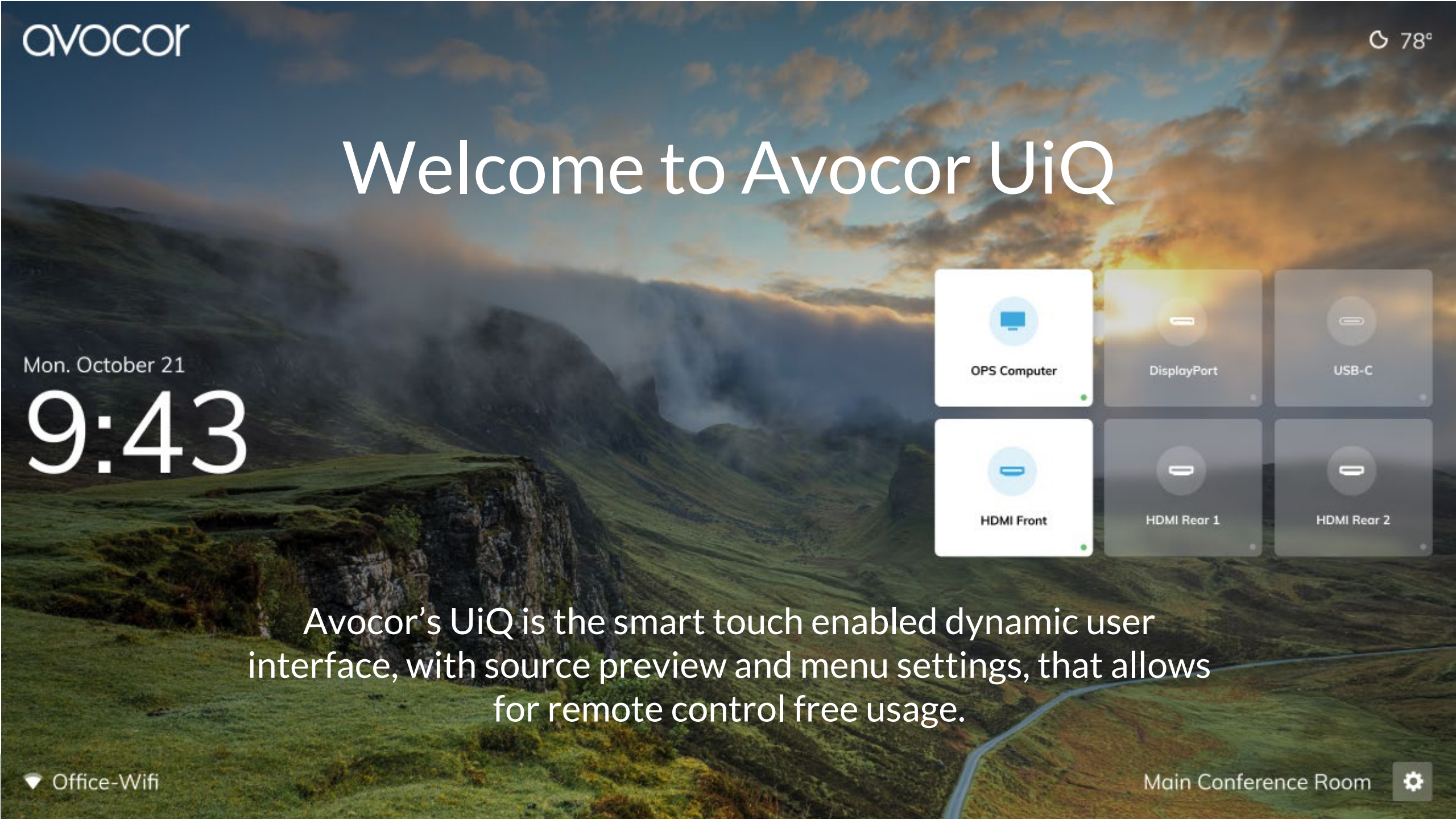
Quick Start Guide

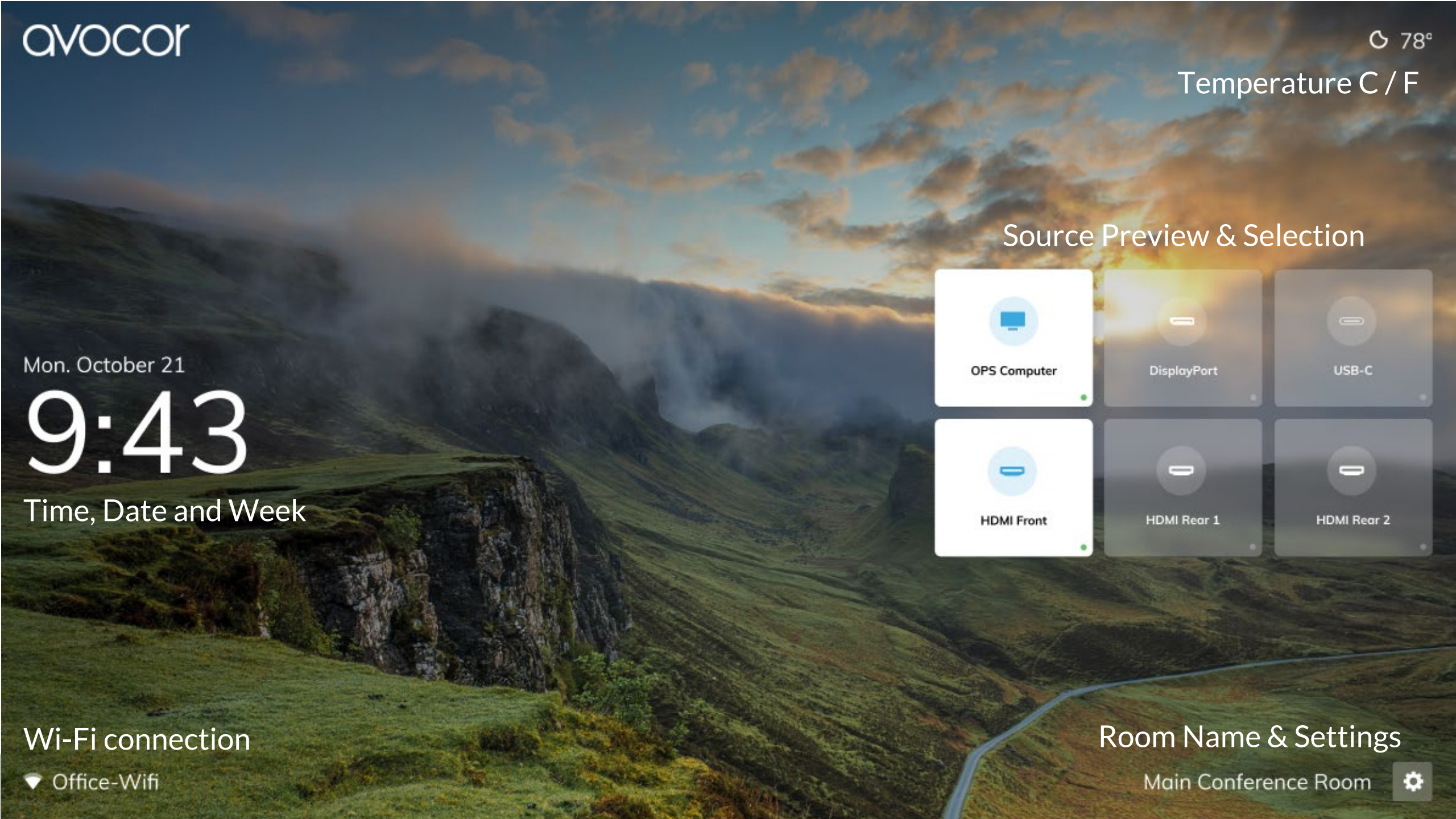
Welcome to your new Avocor E-40 Series display

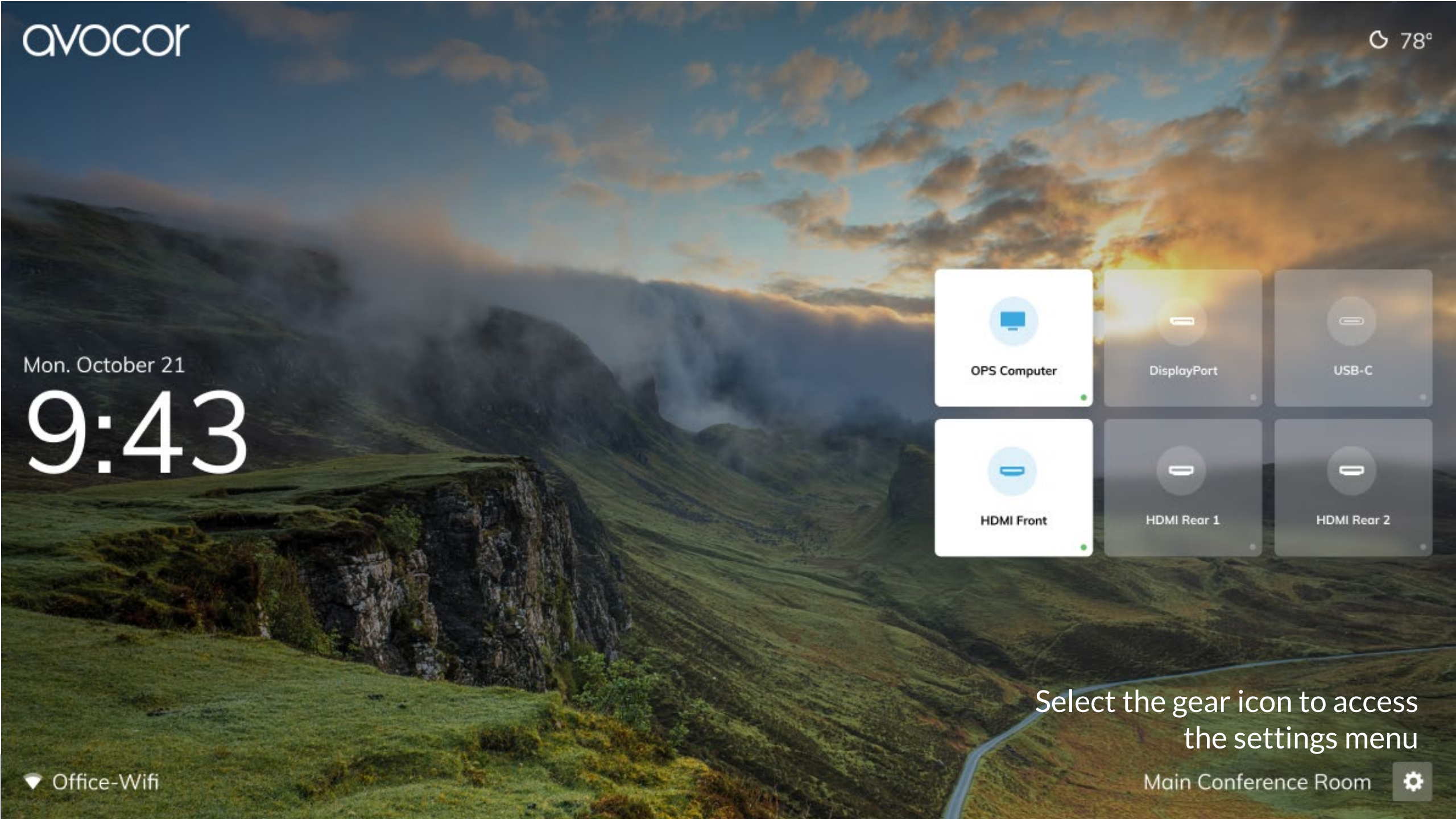
Your Avocor E-40 series 4K interactive touch display supports 4K@60Hz resolution, up to 20 simultaneous touch points, multiple source inputs for your computers and peripheral devices, and the intuitive Avocor UiQ on-screen display (OSD) menu.

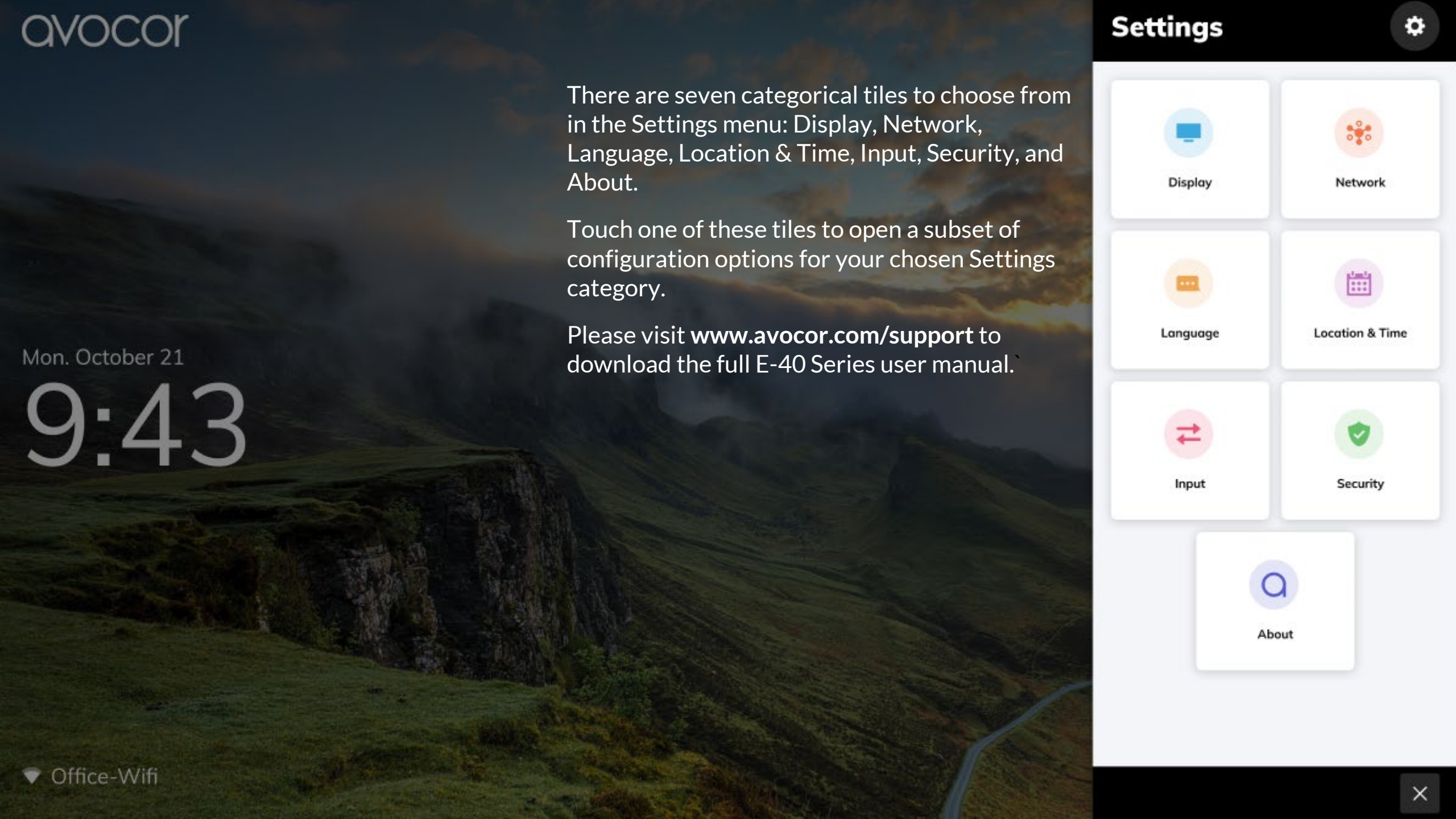
This Quick Start Guide will provide basic operating instructions to help get you started.



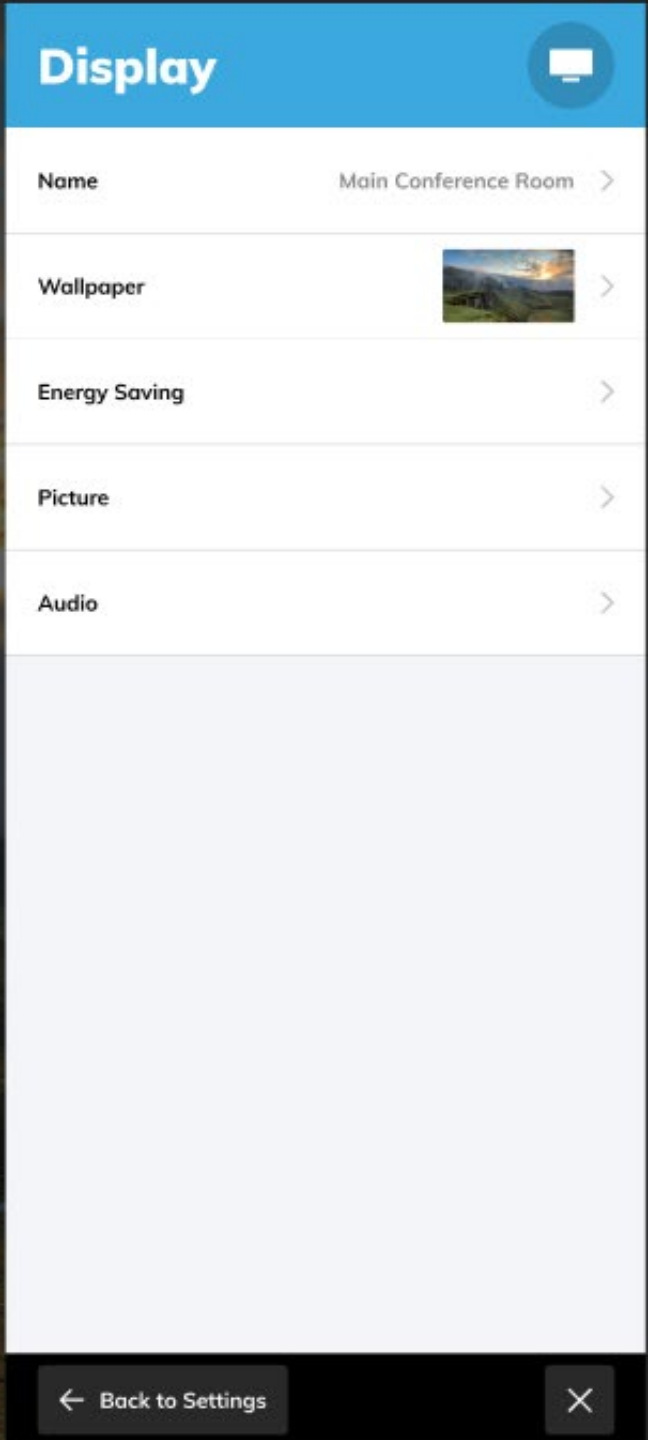

avocor
78°
Welcome to Avocor UiQ
OPS Computer
DisplayPort
USB-C
HDMI Front
HDMI Rear 1
HDMI Rear 2
Mon. October 21
9:43
Avocor’s UiQ is the smart touch enabled dynamic user interface, with source preview and menu settings, that allows for remote control free usage.
Office-Wifi
Main Conference Room

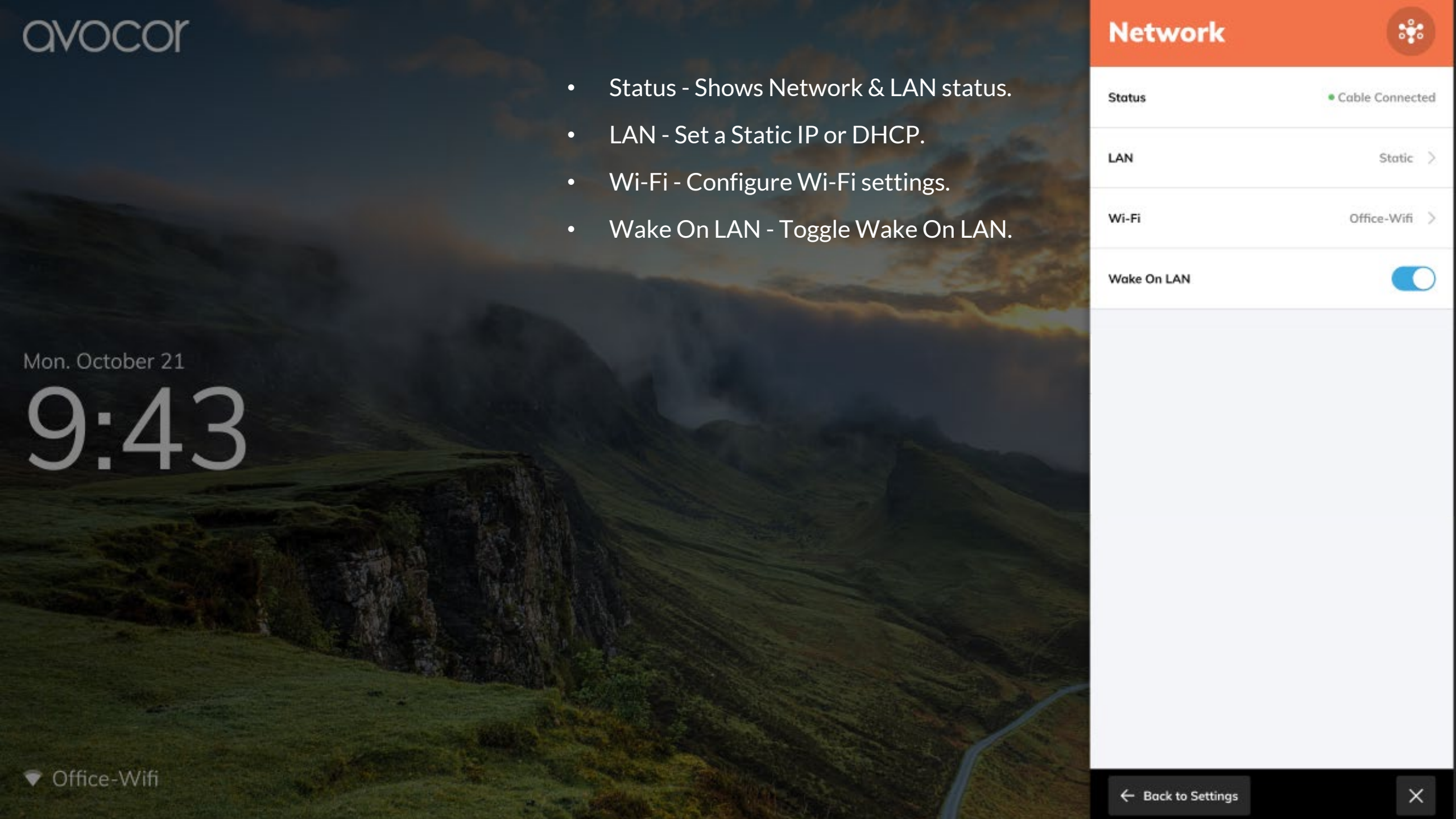

avocor
78°
Temperature C / F
Source Preview & Selection
OPS Computer
DisplayPort
USB-C
HDMI Front
HDMI Rear 1
HDMI Rear 2
Mon. October 21
9:43
Time, Date and Week
Wi-Fi connection
Office-Wifi
Room Name & Settings
Main Conference Room


avocor
78°
Mon. October 21
9:43
OPS Computer
DisplayPort
USB-C
HDMI Front
HDMI Rear 1
HDMI Rear 2
Select the gear icon to access the settings menu
Office-Wifi
Main Conference Room


avocor
Mon. October 21
9:43
Office-Wifi
There are seven categorical tiles to choose from in the Settings menu: Display, Network, Language, Location & Time, Input, Security, and About.
Touch one of these tiles to open a subset of configuration options for your chosen Settings category.
Please visit www.avocor.com/support to download the full E-40 Series user manual.`
Settings
Display
Network
Language
Location & Time
Input
Security
About

- Name - Assign a name to the display.
- Wallpaper - Set a default or custom user images for the Home Screen.
- Energy Saving - Set Auto Power On/Off, Power On Time, Power Off Time, Eco Mode, OPS Always On, Display Sleep.
- Picture - Set the Scheme, Backlight, and Advanced Settings for the display's picture.
- Audio - Set Mute, Treble, and Bass.
- Auto Close – Toggle for UiQ Settings to Auto Close .



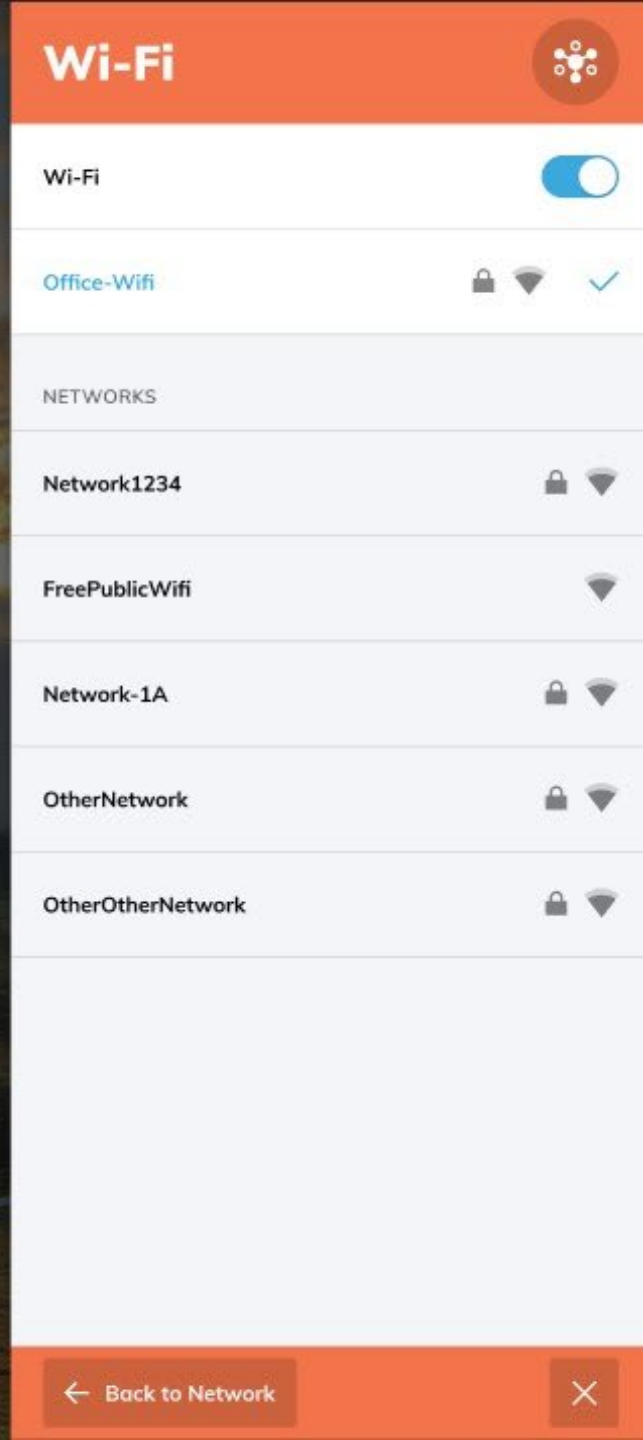


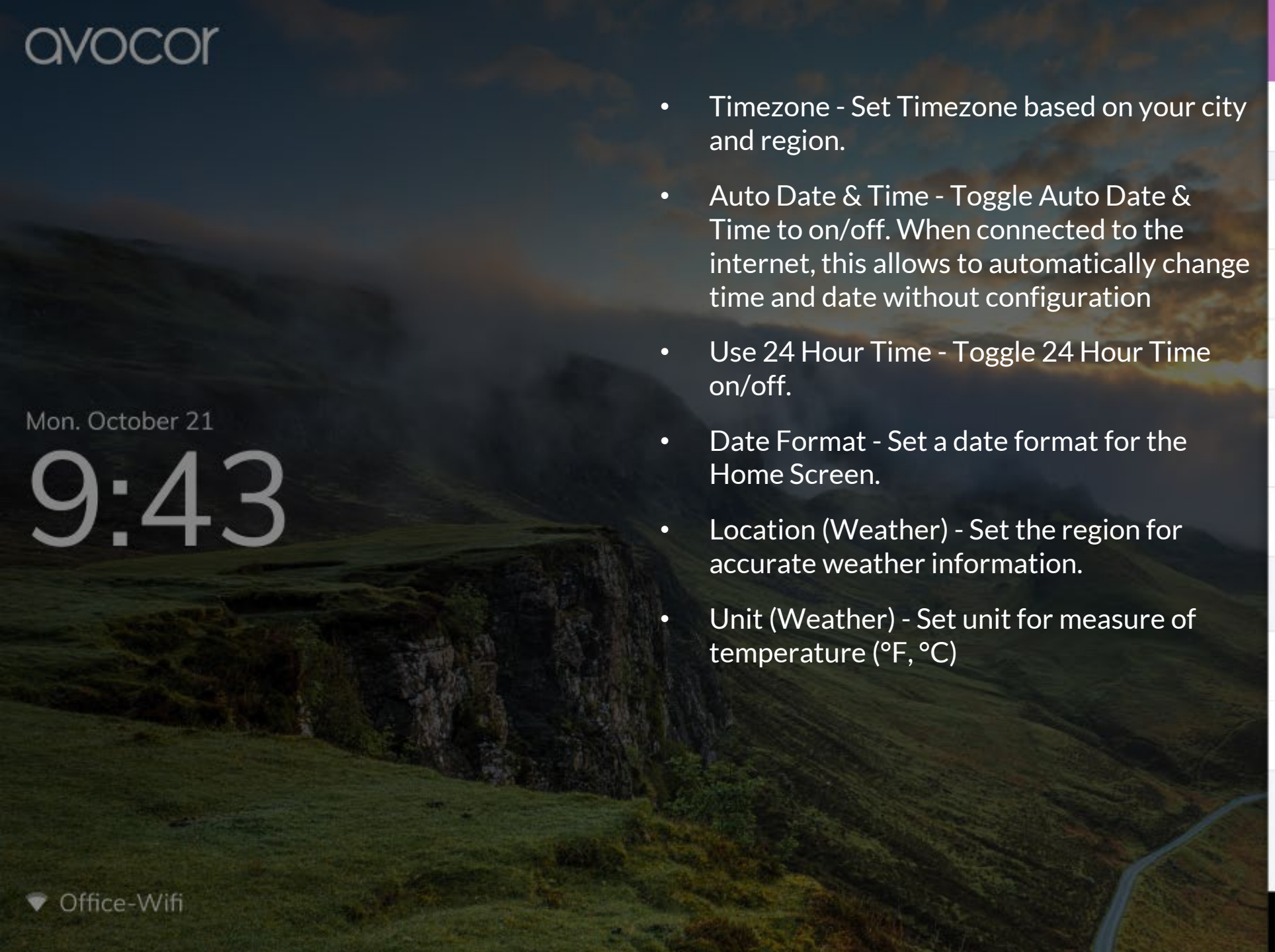
- Status - Shows Network & LAN status.
- LAN - Set a Static IP or DHCP.
- Wi-Fi - Configure Wi-Fi settings.
- Wake On LAN - Toggle Wake On LAN.

Configure Wi-Fi settings

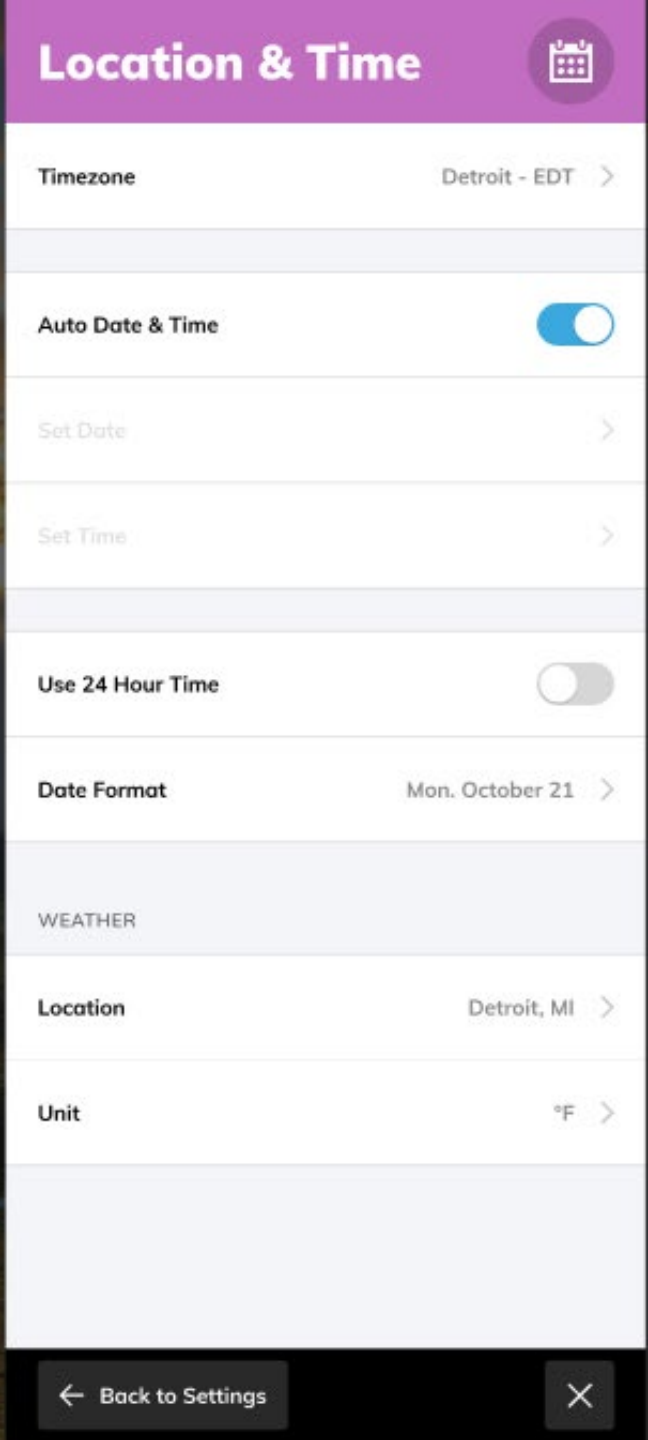
- To enable the Wi-Fi connection, insert the Avocor AVC-USB-WIFI dongle into the display, you will then be presented with a list of available networks to choose from.
- Now select your network and type in your password.

Please speak to your Avocor representative for availability and pricing of the AVC-USB-WIFI dongle

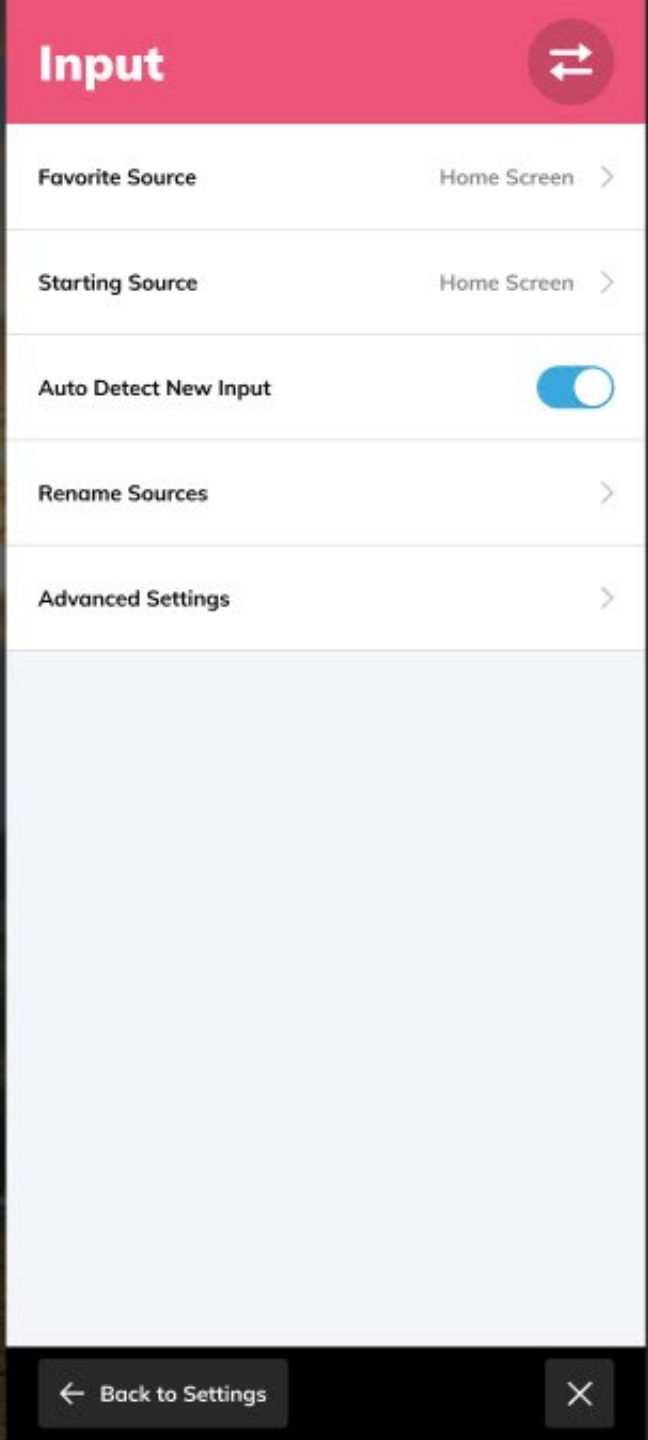


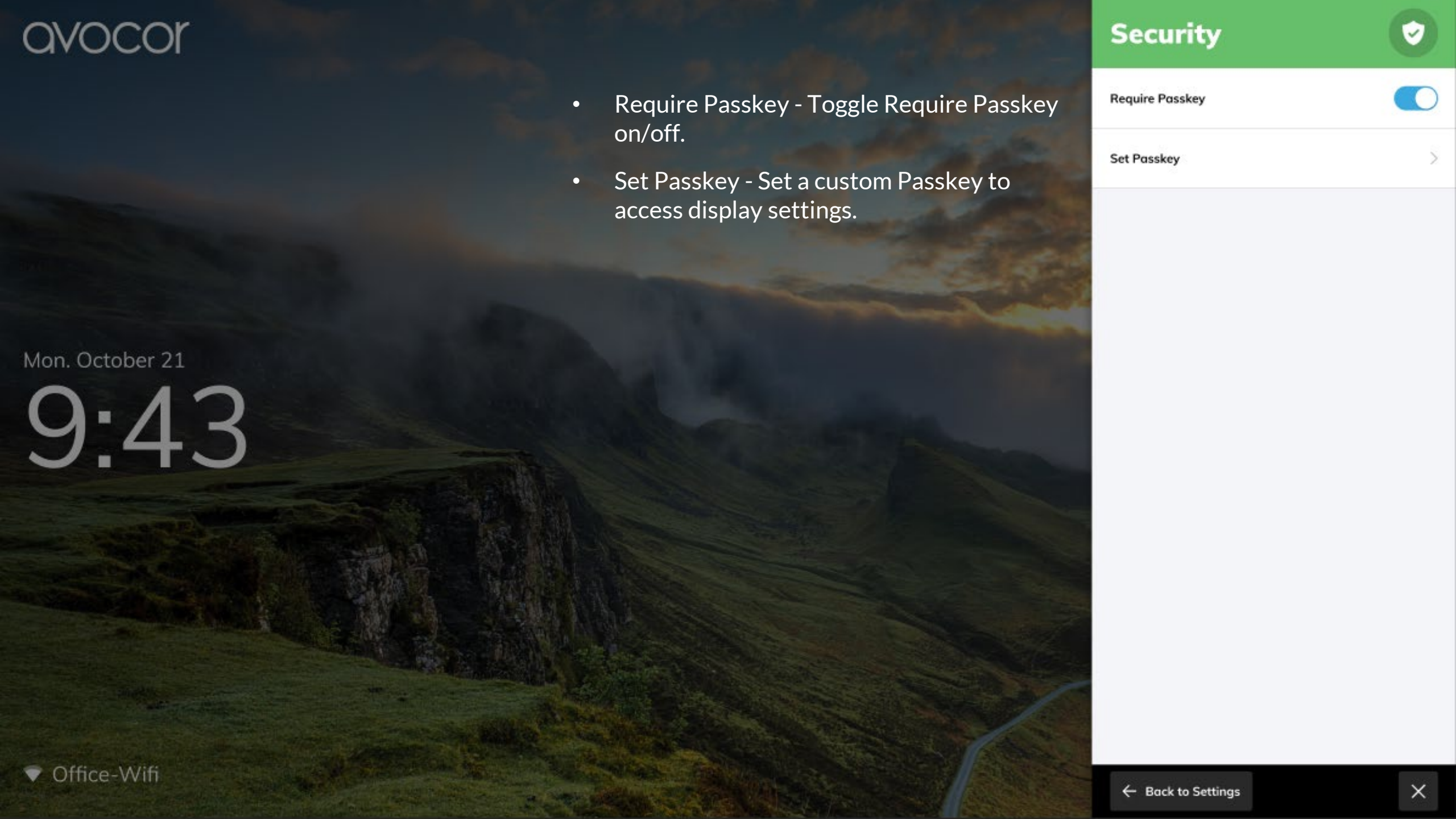


- Timezone - Set Timezone based on your city and region.
- Auto Date & Time - Toggle Auto Date & Time to on/off. When connected to the internet, this allows to automatically change time and date without configuration
- Use 24 Hour Time - Toggle 24 Hour Time on/off.
- Date Format - Set a date format for the Home Screen.
- Location (Weather) - Set the region for accurate weather information.
- Unit (Weather) - Set unit for measure of temperature (°F, °C)



- Favorite Source - Set the favorite source so when the Home button is pressed it will switch to the favorite source (Home Screen, OPS PC, HDMI Front, HDMI 1, HDMI 2, DisplayPort, Type C).
- Starting Source - Set the default source the display will show automatically upon powering on the display (Home Screen, OPS PC, HDMI Front, HDMI 1, HDMI 2, DisplayPort, Type C).
- Auto Detect New Input - Toggle Auto Detect New Input; determines whether the display will automatically switch to a new connection.
- Rename Sources - Set custom names for the display's input sources.
- Advanced Settings





- Require Passkey - Toggle Require Passkey on/off.
- Set Passkey - Set a custom Passkey to access display settings.

The Display at a Glance front

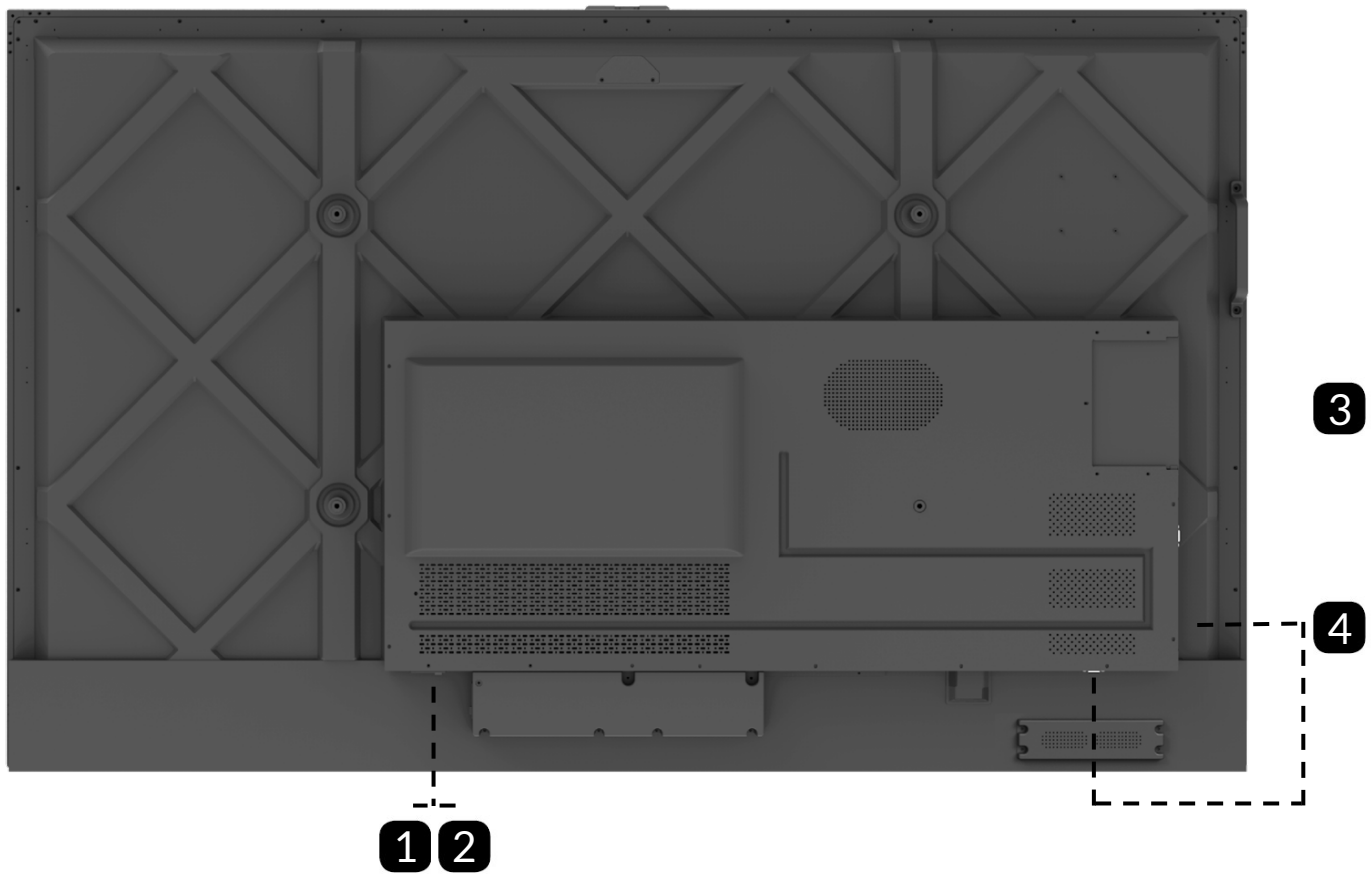
1 Guest Inputs

2 Speakers

3 Front Buttons

4 Pen Tray

The Display at a Glance rear

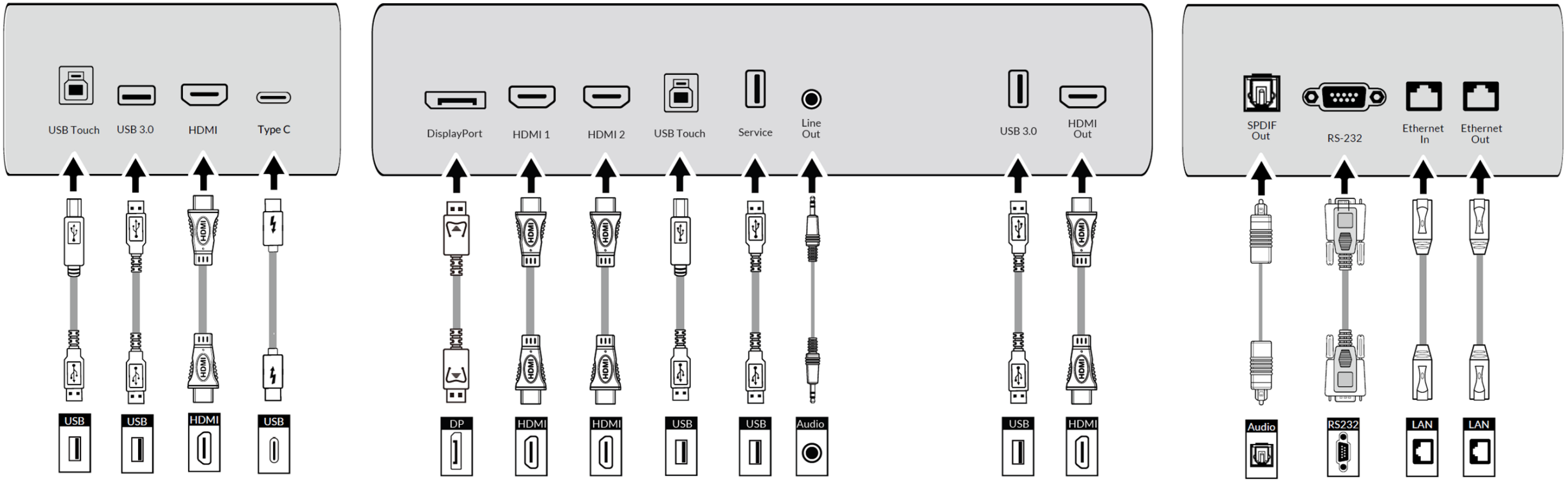


1 Power Socket 2 Power Switch 3 OPS PC Slot 4 Rear Ports

Front Control Buttons and their Functions

No.	Control Buttons	Description
1	Power LED State	Red: Display is in stand-by mode (backlight is off)
		Green: Display is on (backlight is on)
		Red/Green alternating: When display is shutting down
		Red/Green alternating: When Freeze or Blank is enabled
2	Ambient Light Sensor	Measures visible ambient light
3	Power	Press the button a notification will appear asking to turn off. Press the button again to confirm turn off the display
4	Source	Source switching and preview.
5	Menu	Displays menu options.
6	Home	Access to the UiQ Home screen
7	Volume -	Short press to reduce one level of volume; Long press, continue to reduce the volume
8	Volume +	Short press to increase one level of volume; Long press, continue to increase the volume
9	Freeze	Push "Freeze" once the infrared touch is closed and the screen is frozen. There is a Freeze symbol on the upper right.
		Release mode: press the front “Freeze“ button to release, or press the “Freeze” on the remote control to release.
		Note: only physical keys (front, remote control) can be activated and cancelled
10	Blank	Turn off the backlight (listening only)

Display Input Sources



Remote Control & Functions

	POWER	Power on/off the display
OPS	OPS	Navigate to the OPS input
	BLANK	Blanks the display. Press again to restore.
	FREEZE	Freezes the display. Press again to restore.
	OK/Direction keys	Menu navigation and selection
	RETURN	Go back to the previous menu
	HOME	Navigate to the UiQ home screen
	MENU	Open the OSD menu
	Brightness -	Decreases the Brightness
	Brightness +	Increases the Brightness

	MUTE	Toggle Mute on/off
	VOL. -	Decreases the volume
	VOL. +	Increases the volume
SOURCE	SOURCE	Open the **Source** selection menu
SETTING	SETTING	Open display **Settings**
FRONT	FRONT HDMI	Switch to the **HDMI Front** input source
DP	DP	Switch to the **DisplayPort** input source
HDMI 1	HDMI 1	Switch to the **HDMI 1** input source
HDMI 2	HDMI 2	Switch to the **HDMI 2** input source
TYPE C	Type-C	Switch to the **Type C** Input source

Switching the Avocor display on and off

Switching on

1. Plug the end of the supplied power cord into side of the display
2. Connect the other end to the power source.
3. Turn on the main power switch at the side of the display. The power LED indicator light up Red to indicate that the display is in “standby” mode.
4. Press the Power button and the power LED indicator on the display will then light up in green, which tells you that the screen is switched on.
5. After a brief warm-up period, the Avocor UiQ interface will be displayed

Switching off

1. Switch the display off by pressing the power button on the display.
2. By pressing the button a notification will appear
   - Please turn off PC before shutting down.
   - To shut down completely, press power again.
3. By pressing power again, the display will then cycle and shut down.
4. The LED indicator on the display will switch from Green to Red, which tells you that the screen is in standby mode.

Connecting the Display

Proceed as follows to connect the display to your video sources, external controller.

When connecting your equipment:

1. Turn off all equipment before making any connections.
2. Use the correct signal cables for each source.
3. For best performance and to minimise cable clutter, use high-quality cables that are only as long as necessary to connect two devices. (Don't use a cable longer than 5 metres).
4. Ensure that the cables are securely connected.

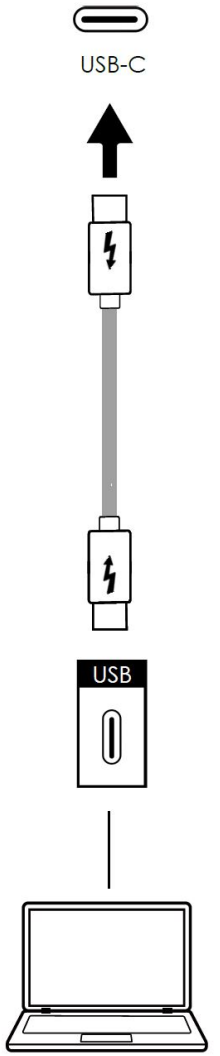
Connecting to an external PC using Type C connection

The single Type C cable solution that immediately and intelligently connects a Windows PC to the display and enables immediate control of camera and mic for video and audio, as well as provides hard-wire ethernet connection, power and USB touch-back to the laptop.

1. Connect the enclosed Type C cable to the Type C port of the touchscreen and to the external PC.
2. Using the Avocor UiQ interface or Remote Control select the Type C source button or press the Source Button (see operating buttons) on the Front Connection bar to select Type C.

In order for Plug and Play to work correctly, you must turn on the display before you turn on the connected computer.

For Type C connection, we recommend using the 1.8 m passive Type C cable provided. Anything over 1.8m please use an active Type C cable.



Connecting to an external PC using an HDMI connection

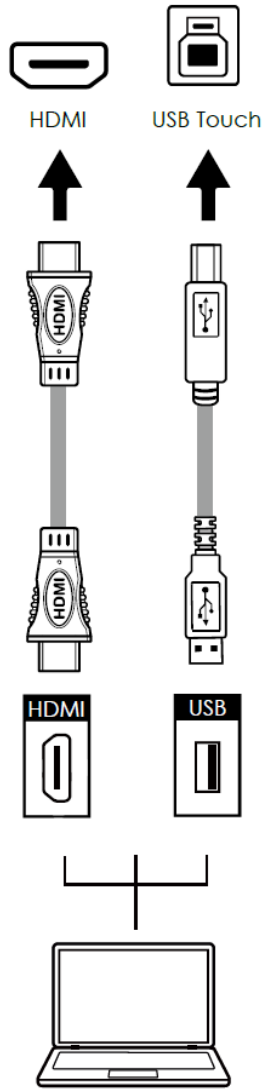
In addition to a HDMI connection, a USB touch connection is required when connecting an external PC.

1. Connect the enclosed HDMI cable to the HDMI port of the touchscreen and to the external PC.
2. Connect the enclosed USB cable to the corresponding touch USB port (USB-B) of the touchscreen and to the USB port (USB-A) on the external PC.
3. Using the Avocor UiQ interface or Remote Control select the HDMI source button or press the Source Button (see operating buttons) on the Front Connection bar to select HDMI.

This display supports the VESA Display Data Channel (DDC) standard. This standard provides “Plug and Play” capability; the display and a VESA DDC-compatible computer communicate their setting requirements, allowing for quick and easy setup.

In order for Plug and Play to work correctly, you must turn on the display before you turn on the connected computer.

We recommend using a USB cable that is no longer than 5 metres.



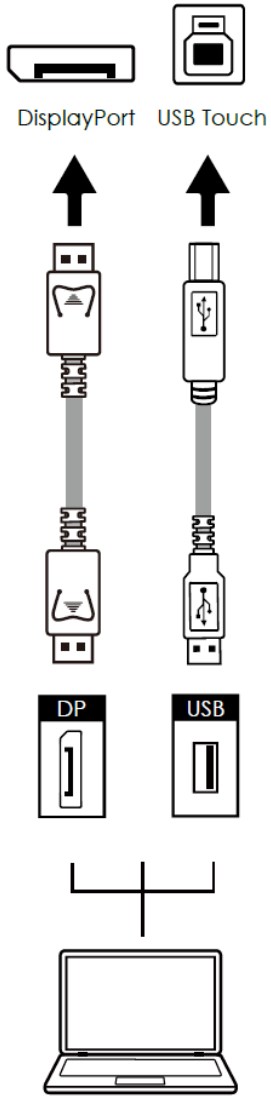
Connecting to an external PC using a DisplayPort connection

In addition to a DisplayPort connection, a USB touch connection is required when connecting an external PC.

1. Connect a DisplayPort cable to the DisplayPort port of the touchscreen and to the external PC.
2. Connect the enclosed USB cable to the touch USB port (USB-B) of the touchscreen and to the USB port (USB-A) on the external PC.
3. Using the Avocor UiQ interface or Remote Control select the DisplayPort source button or press the Source Button (see operating buttons) on the Front Connection bar to select DisplayPort.

In order for Plug and Play to work correctly, you must turn on the display before you turn on the connected computer.

We recommend using a USB cable that is no longer than 5 metres.



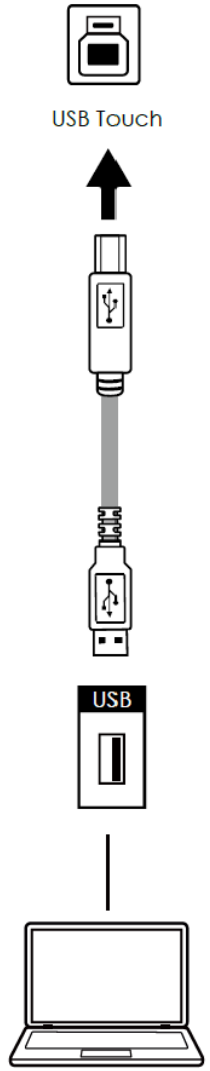
Enabling the Touch Screen

Before setting up your display to support touch screen capability, ensure that:

- The touch screen controller host computer is turned off.
- The display is turned on.
- The video output from the computer is connected to a video input on the display.

Connecting the Display to a Host Computer

1. Connect the signal cable to the display, and then turn on the display.
2. Connect the USB Cable (USB Type-B connector) to the display.
3. Connect the other end of USB cable (USB Type-A) to the USB port on the laptop/ PC.
4. Then turn on the computer.
5. When USB cable is fully connected, wait for 5 seconds and the touch function is ready. It can be activated by using the stylus or finger.



Installing an OPS Module

Follow the steps below to install an OPS module.

Step 1. Ensure that the display is turned off

Step 2. Use a screw driver to unscrew the OPS slot shield on the display input panel. Do not lose the screws that are removed.

Step 3. Install the OPS module by sliding it into the OPS slot until you hear a click, indicating the module is securely inserted. When using an Avocor OPS PC, the fan should be visible

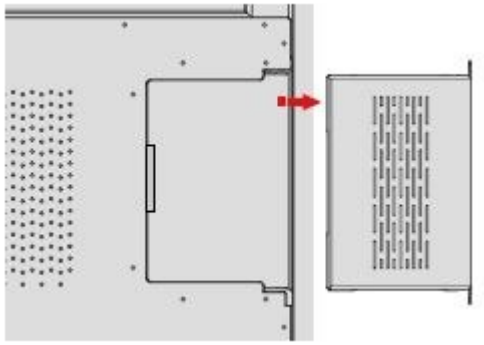
Step 4. Secure the OPS module in position by screwing it onto the display input panel using the screws that were removed earlier.

Step 5. Ensure the installation is complete before turning on the power.

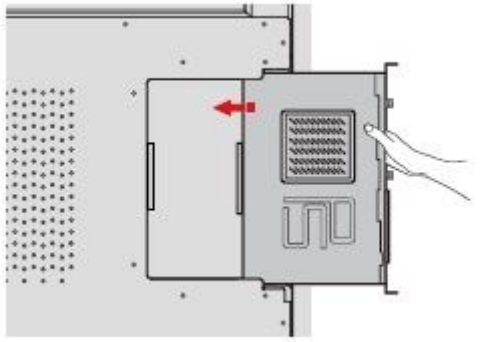
Step 6. Turn on the display. When using an Avocor OPS Pc you should see a green light on the side of the OPS, this will indicate that the OPS PC is switched on and operational.

Note. When installing or de-installing an OPS PC, the display must be switched off. If the display is on when performing the installation or deinstallation of the OPS PC, this could cause damage to either the display or OPS PC invalidating the warranty for both.

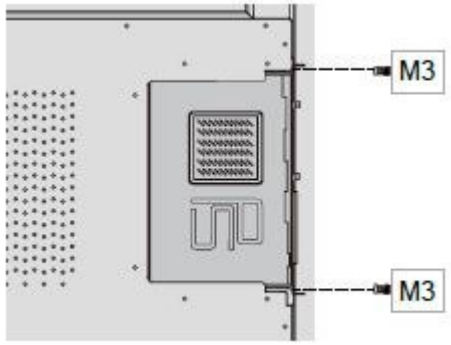
Step 2



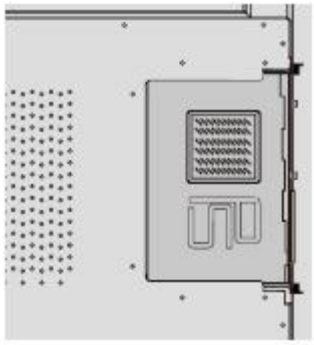
Step 3



Step 4



Step 5



Warranty Support

Should you require assistance with any suspected hardware fault, please contact the Warranty Support team, service@avocor.com

Please provide as much information to the support team about the fault and any steps you have taken in trying to try and resolve the fault.

Remember the first instance to look for known faults and how to resolve them on the avocor website **www.avocor.com/support**

Please visit **www.avocor.com/support** to download the full E-40 Series user manual.

Organisation Name	
Contact Person	
1st Contact Number (Landline)	
2nd Contact Number (Mobile/Cell)	
Email	
Address (of on-site repair or unit exchange)	
City	
State	
Postcode/ZIP	
County/State	
Days and hours of operation	
Loading & Parking Available? (Yes or No)	

Reseller Information (If Known)	
Organisation Name	
Contact Person	
Contact Number (Landline)	
Email	

Product Information	
Product / Model	
Serial Number	
Date Of Purchase (If Known)	