



Meta VORTEK VR

Starting Guide



Supported Headsets
Meta Quest 2, 3, 3S, Pro

Step 1. Unbox your Meta Quest

Before beginning the setup process, make sure you have all the necessary components.

Your Meta Quest 3 should have :

- The Meta Quest 3 headset.
- Two Touch Plus controllers.
- One charging cable.
- One adapter.
- One quick-start guide and safety manual.

All are included in the retail package.

Lay all the components out on a clean, flat surface, to ensure you can easily access them.



Step 2. Charge the headset and insert batteries to the controllers

Your headset may not be fully charged out of the box. Some headsets can be delivered with 70% battery charge. It is recommended to fully charging it up before moving on to the next steps, as you must apply a few critical settings and updates during the setup process. A full charge ensures uninterrupted setup and helps avoid further issues.

Use the charging cable and adapter to connect the headset to a power source. As your headset is charging, you may insert AA batteries to the controllers and ensure they are seated correctly. The Quest 3 includes batteries out of the box.

Step 3. Set up the Meta Quest headset and Meta Quest controllers

After your headset is fully charged, you can now prepare your Meta Quest 3 headset and controllers. Follow these steps to get up and running:



3.1 Adjust the headset straps: Before turning on the device, adjust the head straps for a snug and comfortable fit; tighten or loosen the hook and loop fastener that runs along the middle of your head. You can also slide the left and right straps in and out to seat the headset better on your head.

3.2 Power on: Press and hold the power button on the left side of the headset until the LED light turns on. You should see the “M” of the Meta logo inside the headset as the device boots up.

3.3 Adjust the lenses: Use the lens adjustment slider at the bottom of the headset to align the lenses to your eyes. If things look blurry, the Meta Quest 3 allows you to adjust the interpupillary distance (IPD) for optimal clarity. Use the IPD adjustment wheel located at the bottom of the headset to set the lenses to your preferred spacing.

3.4 Set up the Meta Quest controllers: Remove the plastic tabs from the controllers to activate them. The controllers should automatically pair with the headset. If not, follow the on-screen instructions to pair them manually.

Step 4. Download the Meta Quest app

4.1 Download the Meta Horizon app. Go to the App Store or Google Play Store to download Meta Horizon on your smart phone.

4.2 Open the app and sign in with your Meta account. If you don't have one, follow the prompts to create an account. You are given the option to either use your Facebook or Instagram account to continue the process, which was convenient. If you don't have either, don't worry. You can set up a Meta account in a few extra steps.

4.3 Pair the Meta Horizon app with your headset. Follow the on-screen instructions to pair your headset with the app. You may need to scan a QR code displayed on your cellphone screen or enter a pairing code.



Step 5. Connect your Meta Quest headset to Wi-Fi

Once your headset is paired with the app, the Meta Horizon app will prompt you to connect the headset to your Wi-Fi network. Select your network and enter the password to establish a connection.

Step 6. Set up the Guardian Boundary

The Guardian Boundary feature helps you define your play area to avoid obstacles. Follow the on-screen instructions to draw a virtual boundary around your play space. Doing so ensures a safe VR experience.



Step 7. Install Meta Quest Link App

You can connect your Meta Quest headset to a Windows PC with a USB-C cable to access the VR experience in VORTEK Spaces..

To get started, install the Meta Horizon Link App on your computer, then connect your headset using Air Link, the Meta Quest Link Cable or similar high-quality USB 3 cable.



Meta Quest Link
App

Minimum PC requirements for Meta Quest Link

- **Processor:** Intel i5-4590 or AMD Ryzen 5 1500X or greater
- **Memory:** 8 GB RAM or more
- **Graphics Card:** NVIDIA GTX 970 or AMD Radeon R9 290 or greater
- **Operating System:** Windows 10 or Windows 11
- **USB Port:** 1 x USB 3.0+ port

[Download Meta Horizon Link App](#)



USB 2.0

vs



USB 3.0

Step 8. Configure the Meta Quest Link App

Once the Meta Quest Link application is installed, launch it and make sure your device is Connected and active.

Make sure you are connected into a USB-3 port.

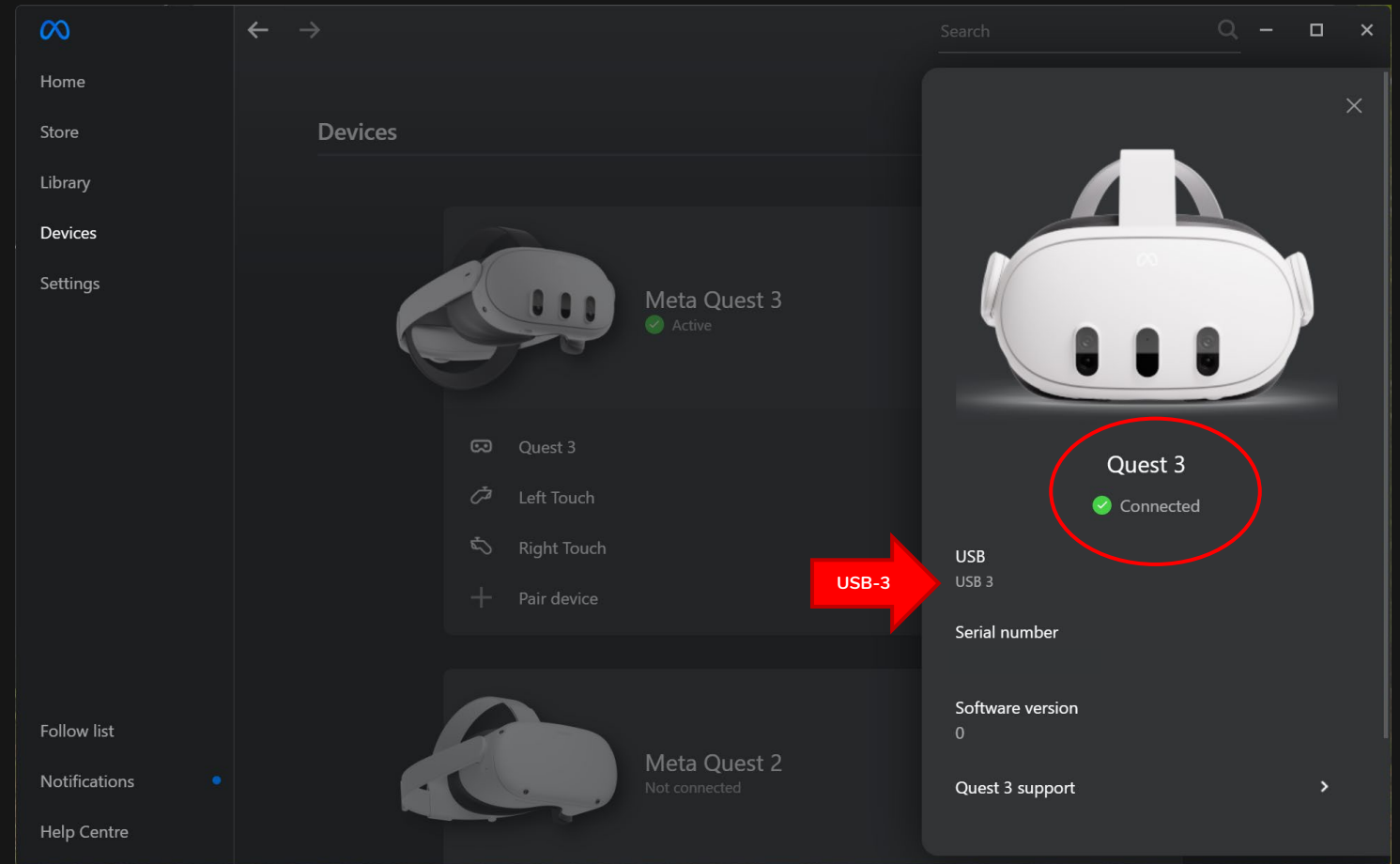


USB 2.0

vs

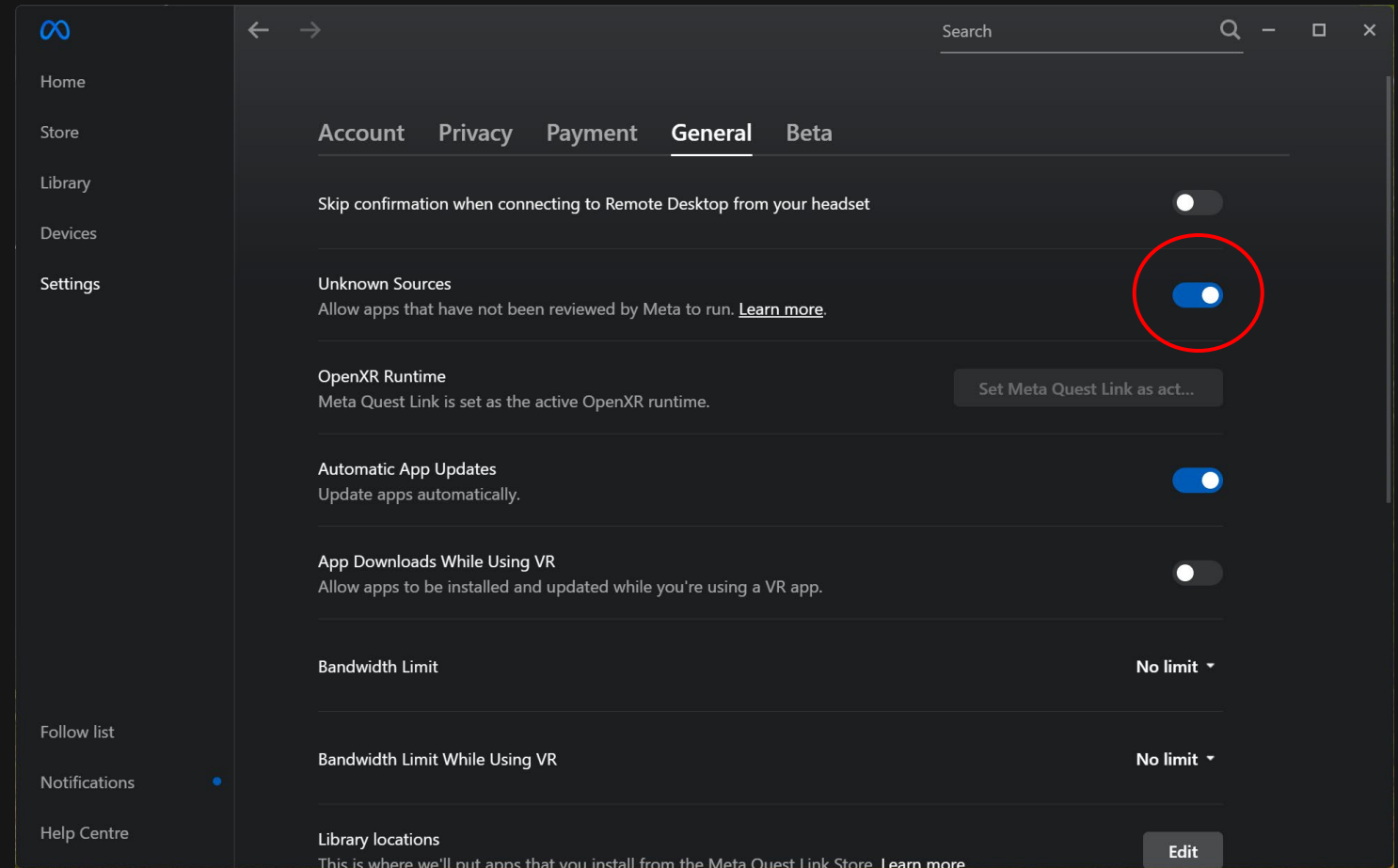


USB 3.0






Step 8. Configure the Meta Quest Link App

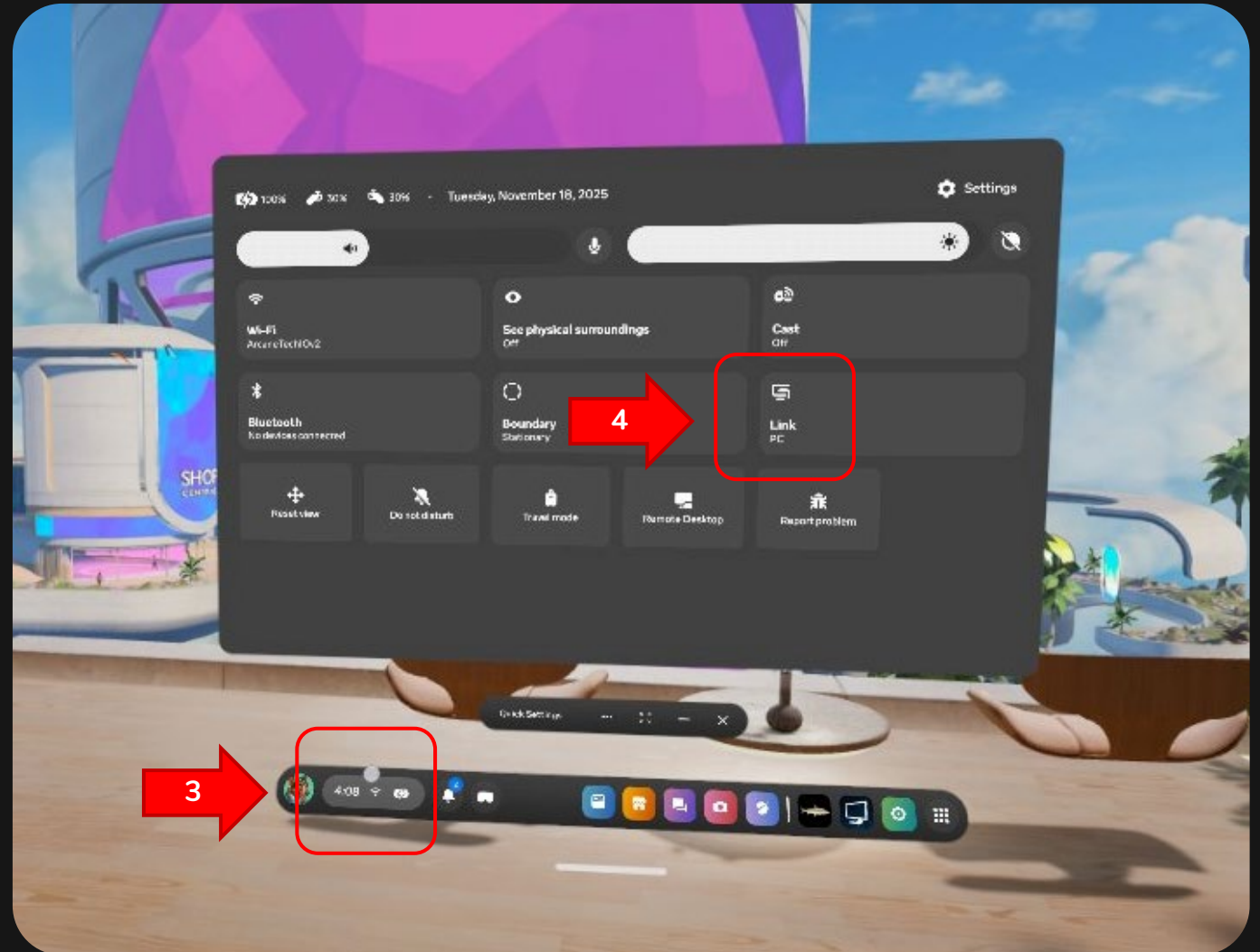
Then from the settings under **General** tab, make sure **Unknown Sources** is **ON**.



Step 9. Activate the Meta Quest Link on your headset.


1. Plug your **USB 3** cable into a USB 3.0 port on your PC, then plug the other end into your headset.
2. Press  Meta button /  Oculus button on your touch plus controller to open the universal menu.
3. Select the clock on the left side of the universal menu to open Quick settings.
4. Select  Link, then select the computer your headset is plugged into.
5. Select Launch.

Watch official Meta Tutorial



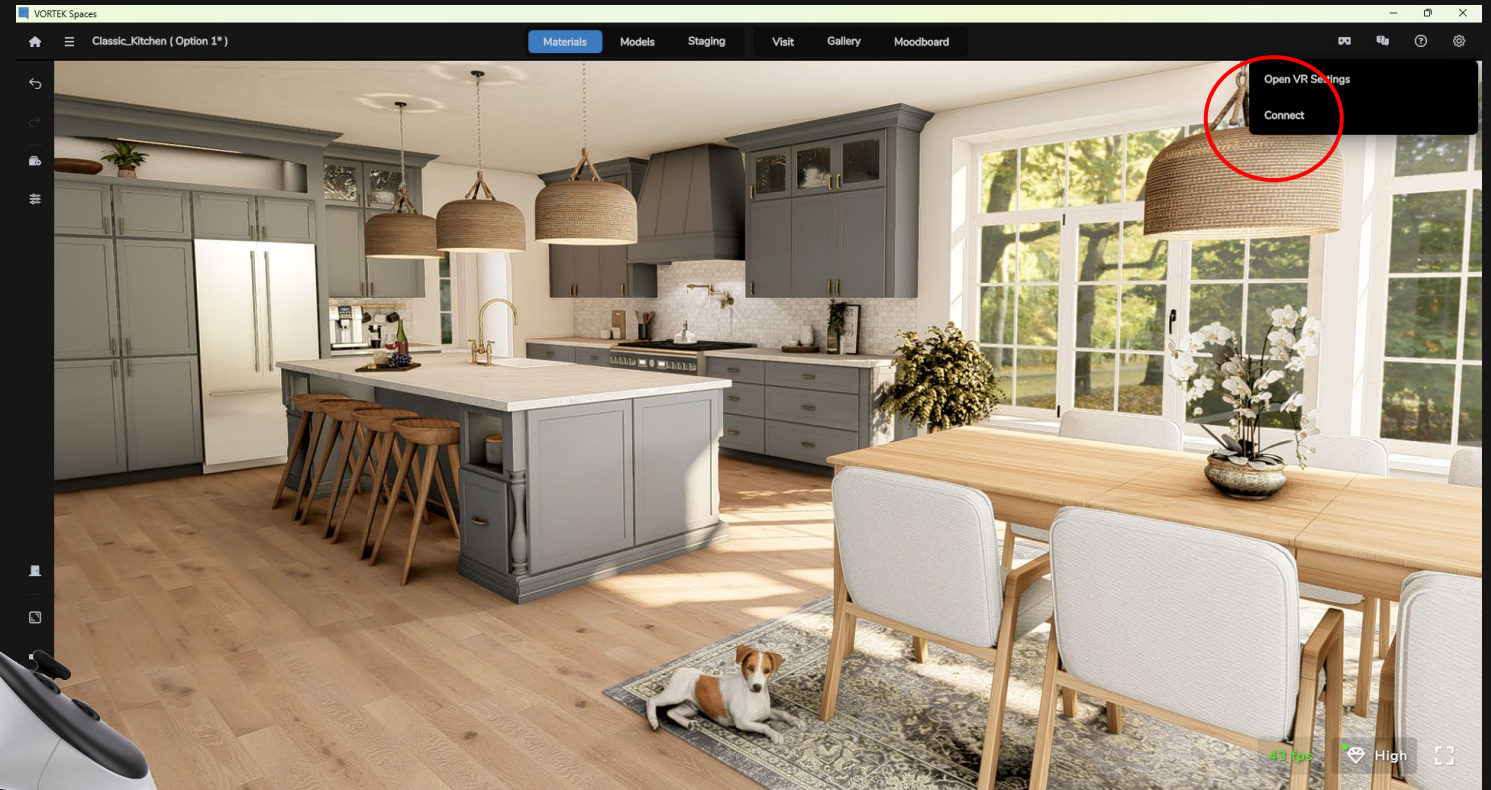
You are ready to explore
VORTEK Spaces with your Meta Quest 3

Launch your VR experience

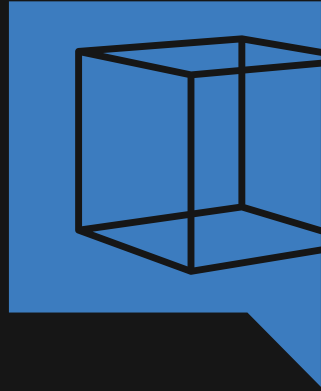
1. Open your project in the VORTEK Spaces.
2. Click the  VR button located on the top toolbar.
3. Select “**Connect**” to initiate the VR session.

Important: This feature requires a USB connection and Meta Quest Link enabled on your headset.

4. Once connected, use the trigger on your **right** controller to navigate between different viewpoints.



If you encounter any issues, please refer to this [troubleshooting section](#).



VORTEK Spaces

vortekspaces.com/support/
vortekspaces.com/product/vortek-spaces-vr-experience-add-on/

 Meta

VORTEK VR





Starting Guide

Supported Headsets

- Meta Quest 1, 2, 3, 3S, Pro
- Pico Neo 3, Pico 4, Pico 4 Ultra
- HTC Vive Focus 3, Vision, XR Elite
- Play for Dream MR
- Samsung Galaxy XR

Step 1. Install Virtual Desktop Streamer App

1. **Connect to the network:** Wire your PC to your router using an Ethernet cable for the best performance (optional). Make sure your computer is connected on the same network as your headset.
2. **Install the streamer app:** Download and install the Virtual Desktop streamer application from the official Virtual Desktop website.
3. **Wi-Fi:** Connect your headset to a good Wi-Fi connection.
4. **Configure streamer settings:** Open the streamer app on your PC. You can adjust the preferred codec, set your Oculus username, and configure other settings to optimize performance.

You can connect your headset to a Windows PC with a USB-C cable to prevent battery problem.

Virtual Desktop




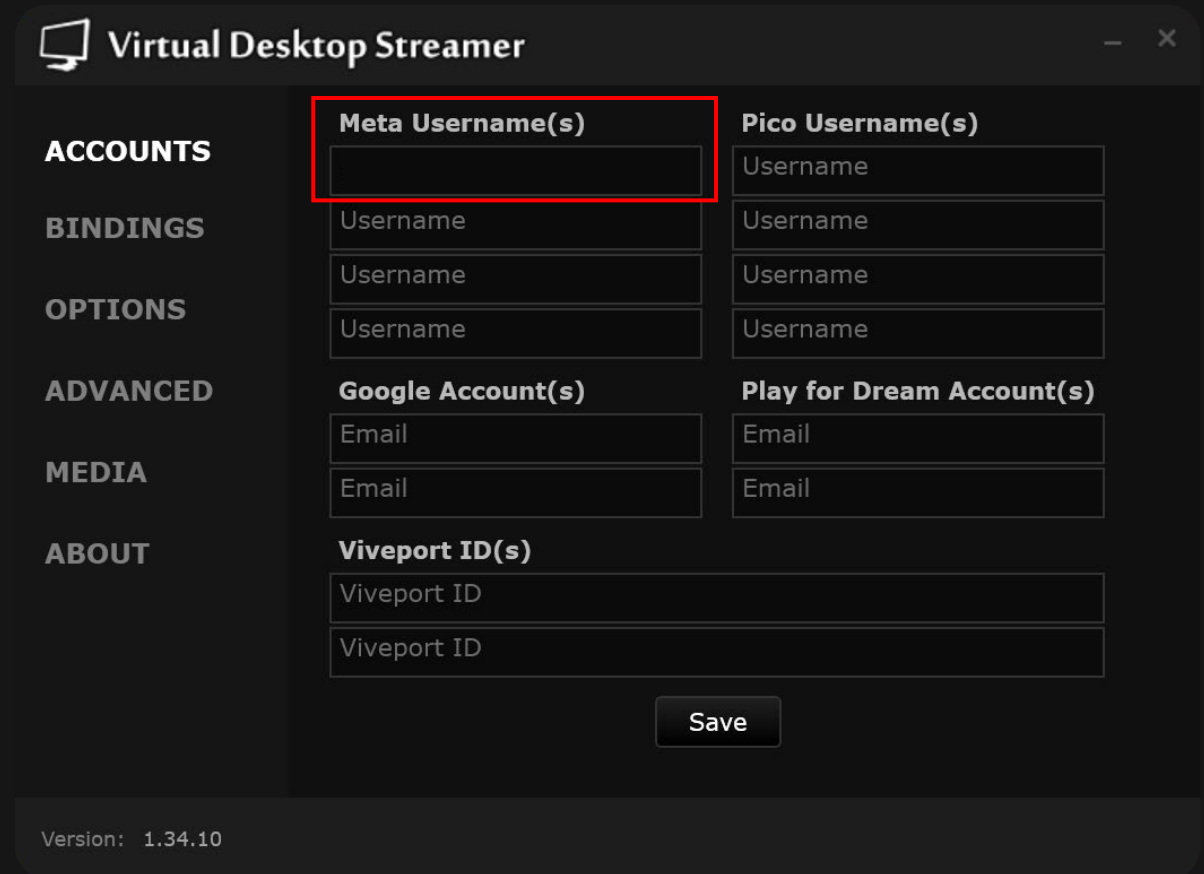
[Download Streamer App](#)

Step 2. Configure the Virtual Desktop Streamer App

Enter the account username associated with your headset. For this example, we are using a Meta Quest device.

How to get my Meta Quest username

1. Press the  Meta button on your right controller to open the universal menu.
2. Hover over the clock on the left and select Quick Settings.
3. Select the Settings gear icon in the top right corner.
4. In the left-hand side menu, select your profile icon and you should see your account name.



Virtual Desktop Streamer

ACCOUNTS

Meta Username(s)

Pico Username(s)

BINDINGS

OPTIONS

ADVANCED

MEDIA

ABOUT

Google Account(s)

Play for Dream Account(s)

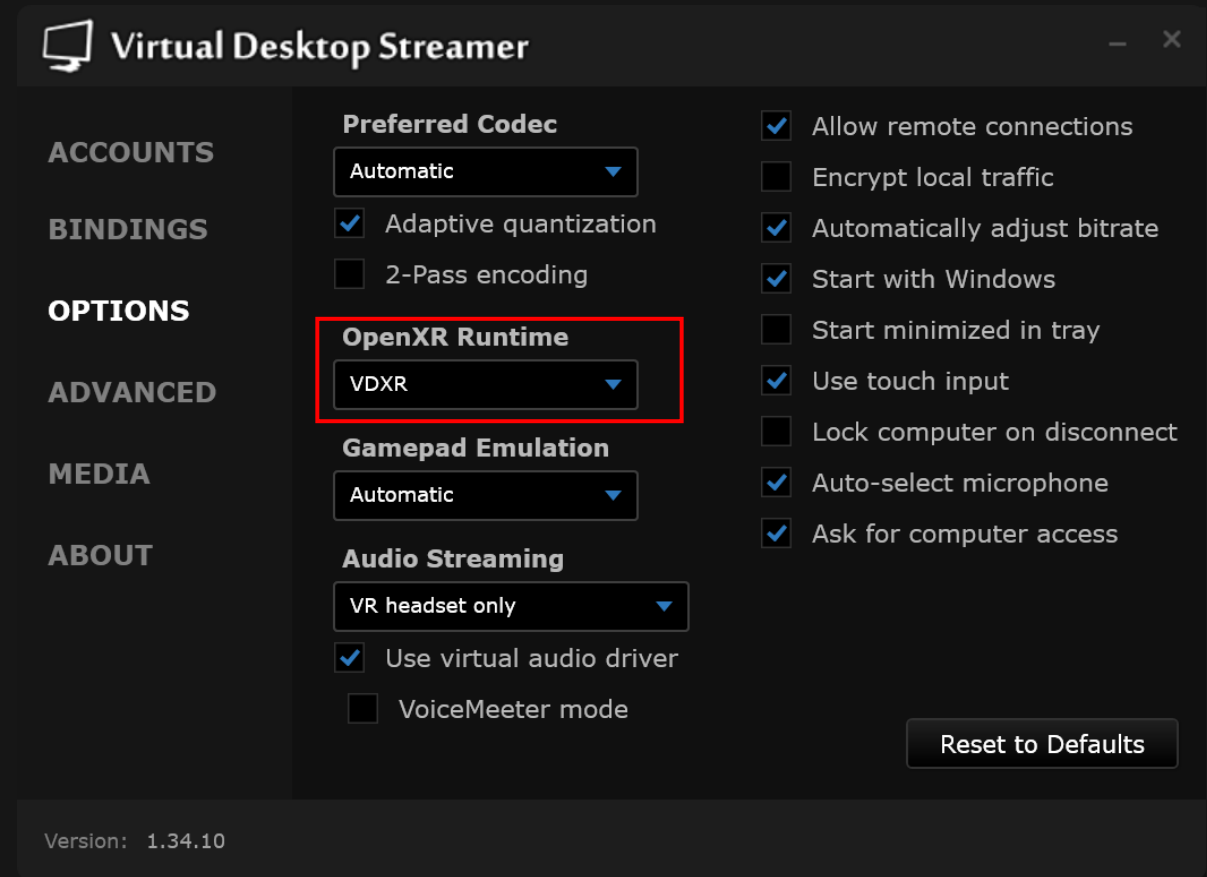
Viveport ID(s)

Save

Version: 1.34.10

Step 2. Configure the Virtual Desktop Streamer App

Navigate to the **Options** tab and set **VDXR** as the **OpenXR Runtime** to increase performance.



Step 3. Install the Virtual Desktop App

Install Virtual Desktop: Purchase and install the Virtual Desktop app from the Meta Quest Store on your headset. This version is necessary for wireless streaming.

Virtual Desktop



Download Streamer App

Step 3. Install the Virtual Desktop App

Launch Virtual Desktop: Put your headset on and open the Virtual Desktop app from your library.



Step 4. Configure the Virtual Desktop App

1. Navigate to the Settings tab
2. Set the frame rate to the maximum value (**90 fps**).
3. Adjust the desktop bitrate to **24 Mbps**.



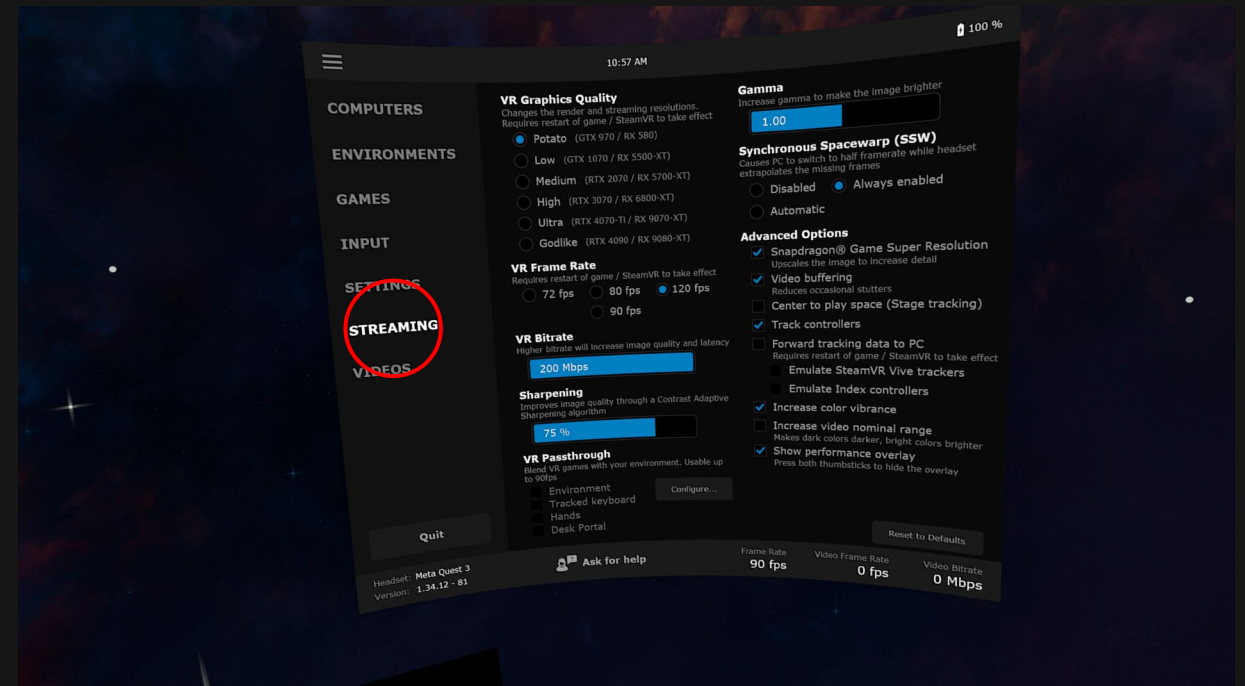
Step 4. Configure the Virtual Desktop App

1. Navigate to the Streaming tab.
2. Set **VR Graphics Quality** to your preferred option:

For maximum fluidity, select **Potato**.

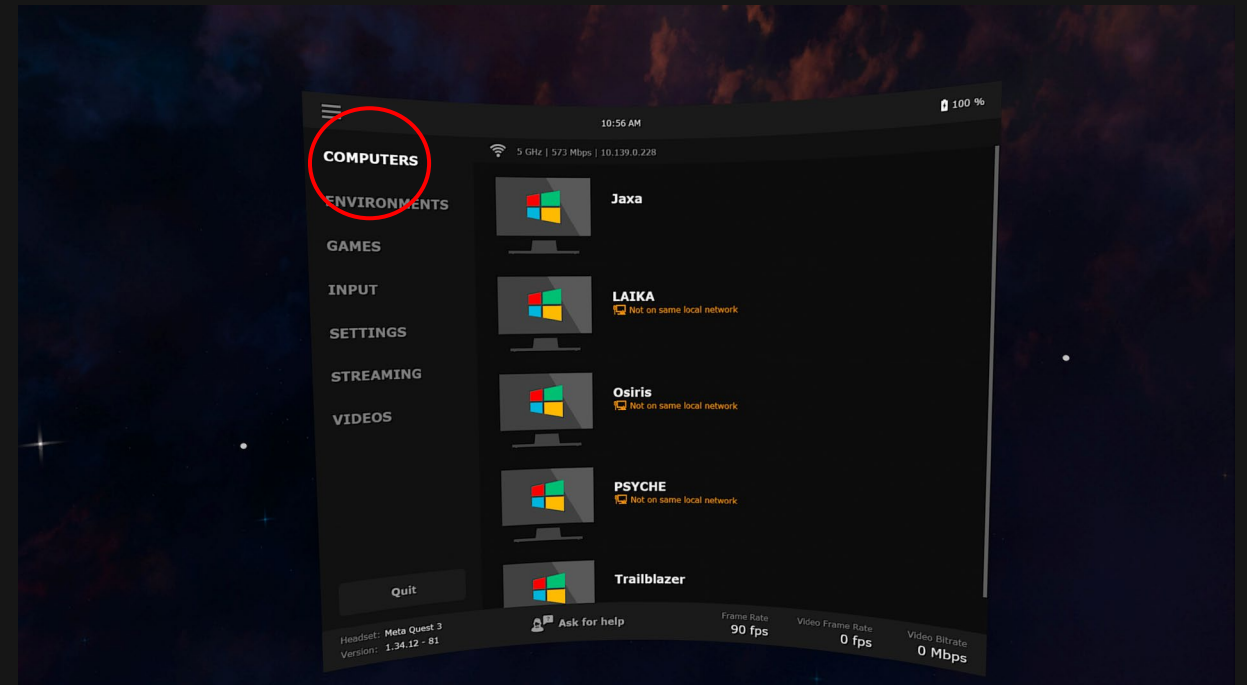
For better visual quality, choose the option closest to your graphics card model.

3. Select a **VR frame rate** of **120 fps**.
4. Set **VR bitrate** to **200 Mbps**.
5. Enable **Synchronous Spacewarp (SSW)** and set it to “Always Enabled.”
6. Under **Advanced Options**, enable **Snapdragon Game Super Resolution**.




Step 4. Configure the Virtual Desktop App

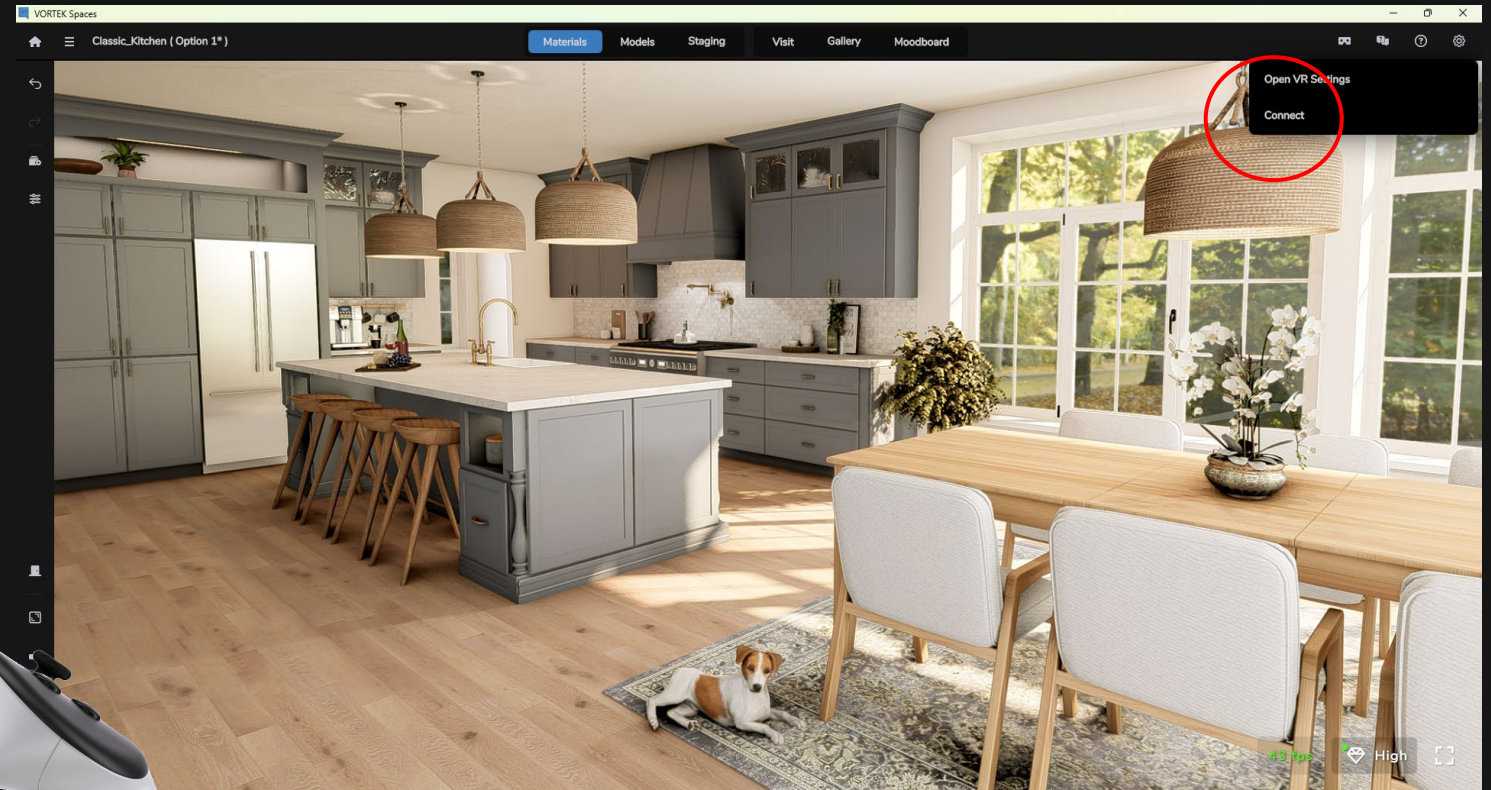
1. Navigate to the **Computers** tab.
2. Locate your device in the list and select **Connect**.



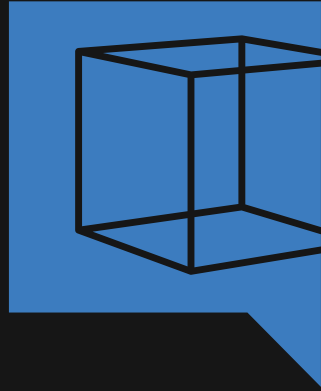
You are ready to explore
VORTEK Spaces with your Meta Quest 3

Launch your VR experience

1. Open your project in the VORTEK Spaces.
2. Click the  VR button located on the top toolbar.
3. Select “**Connect**” to initiate the VR session
4. Once connected, use the trigger on your **right** controller to navigate between different viewpoints.



If you encounter any issues, please refer to this [troubleshooting section](#).



VORTEK Spaces

vortekspaces.com/support/
vortekspaces.com/product/vortek-spaces-vr-experience-add-on/

Meta PICO VIVE
VORTEK VR

