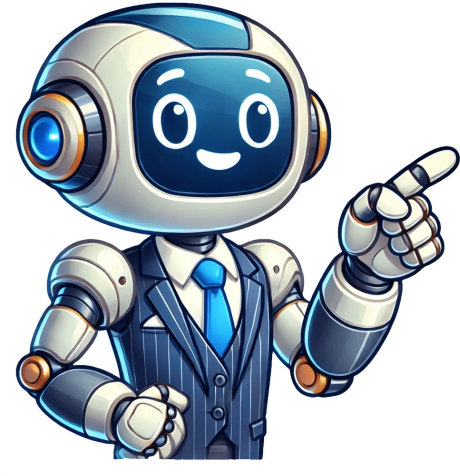


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The Oculus Quest 2 is a virtual reality headset capable of leaps and bounds. With Facebook changing its name to include its VR division, even more, this capability will only improve in the future. If you use your Quest 2 for playing SteamVR games, you already know sometimes the official Air Link can cause problems. However, there is a pretty handy solution in the form of Virtual Desktop for the Oculus Quest. Working in the same principle as Air Link, Virtual Desktop is an app that essentially streams your PC to the Oculus Quest 2. This ensures you get to control your computer and play games from it all the while wearing your Quest. But how does it work and how do you set it up? Well, we answer all that and much more in this handy guide we have created for you. So keep on reading to learn how to set up and use Virtual Desktop on your Oculus Quest 2. While the guide to setting up your Oculus Quest 2 for Virtual Desktop is easy as pie, there are still some other aspects to it. If you want to see them all at a glance, use the table down below to do so. As it goes with setting up anything, Virtual Desktop on the Oculus Quest 2 has a few key requirements users must meet before proceeding further. So if you're someone eager to do so, hold your horses just for a bit more and go through the requirements below. Note: we are assuming that you've already set up your Oculus Quest 2 for normal usage. If you haven't, check out our guide on how to set up and use Oculus Quest 2. As mentioned above, Virtual Desktop is a software that mirrors your entire desktop for not only browsing but playing intensive VR games of all kinds. Therefore it goes without saying that you will require hardware that is capable of playing and streaming all these processes at the same time. To get a better idea of what key specifications your computer must have, feel free to go through Facebook's Quest 2 compatibility page. If you believe you meet these requirements, keep on reading. Facebook's official software called Oculus Link (Free) is the one that allows a seamless wired/wireless connection between a Quest 2 headset and a PC. Therefore, before you begin it is advised you download and configure it before we begin. Thankfully, we have already done the job for you and created a dedicated guide on how to play SteamVR games on your Oculus Quest 2. This will also be useful if you want to play Steam games on your Quest 2 so make sure you have that set up and ready to go. Go through it and learn how to set up Oculus Link easily. Complementing the high hardware PC requirement, Virtual Desktop in order to run efficiently also requires a fast and reliable Internet connection. The official Virtual Desktop page on the Oculus Quest store puts the requirement as a 5Ghz AC Wi-Fi Router needed. Moreover, it is also required that this router itself is connected to your PC using an Ethernet cable for a seamless connection. Furthermore, make sure both your PC and the Oculus Quest 2 are connected to the same Wi-Fi network. Make sure you have this point pinned down before you proceed any further. Since we will be using the Oculus Quest 2 wirelessly instead of hooking it up, we will require a good amount of battery charge to stream and play games from Virtual Desktop. Make sure to fully charge your headset so you don't find yourself reaching for the socket in between your session. Now that we have all the important points covered, we can begin setting up Virtual Desktop for the Oculus Quest. Now do be aware that you will require to download and install Virtual Desktop on both your PC and the Oculus Quest 2. Since VD is a paid app, you will first need to purchase it from the Oculus Store from your headset itself. Note: Do not purchase the Steam or the Rift version since that is not the one we will be using. Make sure to buy Virtual Desktop from the Oculus Store itself. Go ahead and get Virtual Desktop (\$19.99) from here and install it on your Quest 2. After that keep reading as we first set it up on our PC. Let's begin by downloading and installing the Virtual Desktop Streamer app (Free) on our PC. This app will be the one responsible for essentially streaming your desktop to the Oculus Quest 2 itself. Depending on your platform, click on the relevant link, let it install, open it and then follow the steps below. 1. Upon starting Virtual Desktop, you will see the Accounts screen asking you to input your Oculus Username. This is NOT your email address but the name you use on your Quest 2. If you're still unsure, then put on your headset and see the name from the Quick Settings tab. Once done, input that in the VD text box and press Save. 2. Once your username is set, you'll see the screen below. And that does it for setting up Virtual Desktop on your PC. Pretty easy right? Keep VD running in the background and keep on reading to set the same up on your Quest 2. Note: As mentioned before, make sure both your computer and the Oculus Quest 2 are on the same Wi-Fi network to use Virtual Desktop. Now that we have set up Virtual Desktop on our PC and bought the same on Oculus, its time to connect both together. Start up Virtual Desktop on your Quest 2 and follow the steps below to proceed. 1. As soon you open up Virtual Desktop, you will go through a small tutorial telling you just a bit about the UI. 2. You should see your computer connected to the Oculus Quest 2 in the computers tab. If you don't or cannot connect even after trying, that means your network is not stable enough. As you can see below, even our temporary network is a bit unstable but still can stream. Your ideal connection should have the following markers to ensure an amazing experience: 5Ghz Band 866 Mbps Video Bitrate 8.0 Mbps and above If your connection meets the above numbers then you should be able to stream and play Virtual Desktop on your Oculus Quest 2 easily. In short, then we advise figuring out a better connection. Let's also go through some Settings so we get familiarized. Depending on your type of hardware and network, Virtual Desktop would have already applied the relevant settings for you by default. The most important of these settings are the two below. Since our PC is the one doing all the heavy lifting, its natural that the GPU power will be pulled from it. Depending on what GPU you have, make sure to select the relevant setting. You can even perform a bit of customization. Fortunately, VD makes the job very by already providing examples. For instance We chose High instead of Medium since our PC is equipped with an RTX 3070. For those committed to having the highest image quality possible, the VR Bitrate setting is one that complements the above setting. You can crank this setting up to achieve better textures but remember that the latency (lag) itself might also increase. As for the rest of the settings, you can go about and experiment with them to achieve a customized experience. However, in our experience, we found that the default VD settings work extremely well. We would advise running with them first and fine-tuning only if you encounter problems. Now that Virtual Desktop is all set and running on your PC and Oculus Quest 2, let's get right into the action. Thankfully, even here Virtual Desktop makes it extremely easy to go about it. Simply follow the steps below. 1. On your Virtual Desktop, find and click on the Games tab. 2. Here you will see all your games including the ones from Oculus and Steam neatly divided into categories. Virtual Desktop automatically fetches all the VR games from your computer and places them all here. However, do be aware that if you don't have the Oculus or SteamVR software installed beforehand, you won't be able to see your games here. The reason we are not using that tempting Launch SteamVR button is because, not only does Virtual Desktop take an extra step out of opening Steam Home but automatically optimizes all games you run from it. This way you get to play games that have been polished just a bit further with most compatibility issues fixed. 3. Simply click on the game you want to play using your Quest 2's controller and it will launch immediately. And that's that easy! Virtual Desktop streamlines the entire process and ensures gaming is painless on your Quest 2. Now that you have successfully set up Virtual Desktop on your Oculus Quest, here are two important pointers you should keep in mind to make your experience a smooth one. Unlike the wired experience, software like Virtual Desktop relies on complete Internet connectivity. As such, it is important the level of Wi-Fi signal strength is extremely important. Whenever you find yourself using Virtual Desktop on your Oculus Quest, make sure you are in close proximity of your router to ensure there's no signal loss. Moreover, also make sure there are no physical obstructions like any walls or barriers in the way too. Following this will make sure your streaming remains effortless. We know we mentioned above to keep your Oculus fully charged before beginning but this tip is for the long run. Wireless streaming of desktop and more importantly games can take a heavy toll on your Quest 2. While the headset's battery can last around three hours, you might be pulled from the experience nevertheless. To avoid such a shortfall, make sure your Oculus Quest 2 cable and charger are nearby so playing Virtual Desktop isn't interrupted. We hope you have an amazing time using Virtual Desktop alongside your Oculus Quest 2. Once you get bored of your VR games, you can always try these best VR experiences for a change of pace. So, how's your experience using Virtual Desktop? Let us know in the comments below. Reddit and its partners use cookies and similar technologies to provide you with a better experience. By accepting all cookies, you agree to our use of cookies to deliver and maintain our services and site, improve the quality of Reddit, personalize Reddit content and advertising, and measure the effectiveness of advertising. By rejecting non-essential cookies, Reddit may still use certain cookies to ensure the proper functionality of our platform. For more information, please see our Cookie Notice and our Privacy Policy. Multi-monitor support: you can now stream multiple monitors simultaneously, with the following limits: Meta Quest 3: Up to 3 monitors. Meta Quest 2, Meta Quest Pro, Pico Neo 3, Pico 4, Vive Focus 3, Vive XR Elite: Up to 2 monitors. Meta Quest 1: Only 1 monitor is supported. On Windows those can be real physical monitors or virtual ones (click below the screen to add/remove monitors). MacOS only supports physical. AirPlay monitors for now; creating virtual ones will be supported in a future update but you can use BetterDisplay to create virtual ones for now. Added keyboard passthrough support on Quest (with the keyboards Meta supports) Improved support for Windows on Arm Added Adaptive quantization checkbox in the Streamer window, Options tab. Only applies to 10-bit codecs Added checkbox in Settings tab to auto-arrange monitors on recenter (enabled by default) Added button in Settings tab to arrange monitors manually Thumbstick can now be used to change size/distance when holding screen with grip You can now move the keyboard when holding the grip Increased max desktop bitrate to 120 Mbps (total for all monitors) Added portrait mode button in the screen toolbar for secondary screens (Windows only) Switched to using relative mouse movements with Bluetooth trackpads/mice Fixed microphone delay issues that some folks were experiencing Desktop toolbar will no longer appear when clicking below the screen with hand tracking. It will be shown when using the Quest menu left hand gesture instead Fixed game compatibility with: The Wizards - Dark Times, The 7th Guest, Roblox, Gravity Sketch, Crossfire: Sierra Squad, Zenith the last city, Resist, Underdog, Walkabout Mini-golf, Breachers, WRC, Ghosts of Tabor, Contractors, Hubris now using VDXR by default Fixed index finger bending in VRChat when holding the controller Fixed many compatibility issues with VDXR Added ultra-wide and other common resolutions for the virtual monitors Fixed bug with Nvidia encoder freezing when switching between H.264/HEVC and the 10-bit codecs on v555 drivers Virtual Vive trackers can now be powered off/on via SteamVR Manage Trackers (use "Held in hand" role to power off) without needing to restart SteamVR Screens can now be moved without hiding the keyboard Fixed issue with keyboard appearing too far or behind the screen Fixed detection of hardware encoder at startup which could prevent multi-monitor from working Fixed lingering Streamer icon in the system tray when switching users Fixed microphone pops Fixed issue with 32-bit games in VDXR Page 2 You can't perform that action at this time. App: VRDesktop Version: 4.0.0.75.519 (328964469) Package: com.oculus.vrshell.desktop Downloads: 6,390,292 MB (3,058,155 bytes) Min: Android 10 (Q, API 29) Target: Android 10 (Q, API 29) MD5, SHA-1, SHA-256 signatures Permissions: 3 Features: 1 Uploaded November 22, 2021 at 12:00AM UTC by azumukupo You can't perform that action at this time. You signed in with another tab or window. Reload to refresh your session. You signed out in another tab or window. Reload to refresh your session. You switched accounts on another tab or window. Reload to refresh your session. Dismiss alert instantly share code, notes, and snippets. Clone this repository at <script src="></script> Save b1xt/97009dfa3eb916dbd4624a38191fe10d to your computer and use it in GitHub Desktop. Cloning this repository at <script src="></script> Save b1xt/97009dfa3eb916dbd4624a38191fe10d to your computer and use it in GitHub Desktop. Playing SteamVR games on the Oculus Quest You can't perform that action at this time. Home Desktop Enhancements Virtual Desktop VR 1.34.2 Adobe, Apowersoft, Ashampoo, Autodesk, Avast, Corel, Cyberlink, Google, iMyFone, iTop, Movavi, PassFab, Passper, Stardock, Tenorshare, Wargaming, Wondershare May, 26th 2025-98.8 MB-Paid Latest Version Virtual Desktop VR 1.34.2 LATEST Review by Marian Marinescu Operating System Windows 7 / Windows 8 / Windows 10 / Windows 11 User Rating Author / Product Virtual Desktop, Inc. / External Link Filename VirtualDesktop.Streamer.Setup.exe Virtual Desktop is a highly versatile Windows PC application that provides VR users with access to their regular PC desktop content inside their VR headset, including the ability to manage their desktop app environment, watch movies, browse the web, or even play traditional flat screen videogames on a large virtual screen. Requires a virtual reality headset. See system requirements for more information. This immersive experience is provided to almost all types of Virtual Reality headsets that support native wired connection to the PC, which excludes compatibility with VR headsets that feature their own onboard processing and fully wireless modes of use. Main Features Virtual Desktop Streamer App can emulate the use of regular desktop surfaces inside the VR space on a large high-resolution virtual screen, manipulation of desktop apps with tracked hand controllers, launching of apps with voice commands, multi-monitor support, and customization of virtual environments using a built-in editor. Virtual Desktop VR features support for hardware-accelerated reproduction of video content (both regular videos and those in 360-degree surround format), full support for accessing desktop work environment, web browsing (including all multimedia content found there), and much more. Users who want to maximize their content consumption inside VR space can also view movies in Side-by-Side format or enjoy music using enhanced VR music visualization. Highlights Hardware accelerated 360 video playback Ability to play/stream YouTube 360 videos Browse and view 360 photos MilkDrop support for music visualization 3D Side-By-Side video support Game launcher with voice commands Multi-monitor Environment Editor to create custom environments Steam Workshop integration for environments Dashboard integration Compatibility Windows version of (Virtual Desktop Wired Version app) includes support for all major VR headset brands that rely on a direct and wired connection to PC hardware. This includes headsets from Oculus/Meta (Oculus Rift and Rift S), HTC (Vive, Vive Pro, and Vive Cosmos), Valve Index, and all headsets that are compatible with Windows Mixed Reality platform. Headsets with their own on-board processing from brands such as Oculus (Quest, Quest 2, and Quest Pro) and Pico (Neo 3 and Neo 4), can also reap the benefits of accessing their PC via wireless connection (Virtual Desktop Wireless Version App) by downloading the standalone apps from Quest and Pico digital stores. FAQQ: The app won't start.A: If you have Riva Tuner installed, please set its detection level to "None". Also, note that other antivirus software besides Windows Defender may interfere with the app's launch.Q: I see an error message on the desktop that says "Unable to connect to the Virtual Desktop Service".A: This may be due to your antivirus software or a Windows-related issue preventing the installation of the service. You can either add an exception for the service in your antivirus software or try manually installing it by double-clicking on "VirtualDesktop.Service" in the installation folder.Q: I can see the background environment, but my desktop appears as a black screen.A: Please check if Windows Night light feature, HDR, or color-altering applications like F.Lux are turned off. Also, ensure that a monitor is detected by Windows and turned on.Q: I get a black screen when trying to watch streaming services like Netflix or Hulu.A: Some web browsers like Microsoft Edge, Internet Explorer, Chrome, and certain Windows Store apps use DRM that may prevent streaming services from being captured. Using Firefox usually resolves this issue.Q: I get a black screen when trying to play 360 videos.A: If you have an Optimus laptop, right-click the desktop, select Nvidia Control Panel, and then Manage 3D settings. Set the preferred graphics processor to "High-performance Nvidia processor" either globally or specifically for Virtual Desktop.Q: How do I run Steam games in Virtual Desktop?A: Simply start your games as you normally would, and they should appear in Virtual Desktop. However, please disable Desktop Game Theater mode by going to Steam settings, selecting In-game, and unchecking the "Use Desktop Game theater..." option.PROS Wireless VR Desktop Access Ability to Stream PC Games and Apps Multi-Device Compatibility CONS Requires Strong and Stable Wi-Fi Connection May Have Latency and Performance Issues Limited Functionality on Standalone VR Headsets Recommended System Requirements OS: Windows 11/10 Processor: i5-2500k Memory: 4 GB RAM Graphics: Nvidia GTX 760 or 980M or ATI Rx 200 DirectX: Version 11 Storage: 700 MB available space VR Support: SteamVR or Oculus PC Overall Virtual Desktop unlocks the full power of VR headsets by unlocking access to regular PC desktop content, including desktop apps, multimedia, games, web, and more. This powerful functionality has made it one of the must-have apps for every serious VR user. Why is this app published on FileHorse? (More info) The images below have been resized. Click on them to view the screenshots in full size. Share copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution You must give appropriate credit , provide a link to the license, and indicate if changes were made . You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. 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