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you're human



Want to ensure optimal connectivity and performance? Use the Google Home app to evaluate download and upload speeds for Nest Wifi Pro, Nest Wifi, or Google Wifi networks. Follow the steps to improve your mesh connection, increase your internet speeds, and make your internet more consistent throughout your home. Test your internet speed

Check your internet speed Open the Google Home app. Tap Favorites WifiNetwork performance Run speed test. Note: To view your previous speed test results, swipe to the bottom. What do the results mean? The internet speed test measures the download and upload speeds from your router or primary Wifi point. Download speed Download speed represents how quickly your network can receive data from internet servers in a certain amount of time. Download speed is measured in megabits-per-second (Mbps). This is what we usually think of when we hear internet speed. If you have a faster connection, you'll be able to receive more data in a shorter amount of time. For example, fast download speeds mean smooth video streaming, smooth online gaming, and fast web browsing. Note: Your download speed is determined by the plan you have purchased from your Internet Service Provider (ISP.) Some plans are limited to 10 Mbps, while others can go all the way up to 1000 Mbps. Some devices like mobile phones won't have speeds as fast as computers. The model or version of the device also affects speed. Megabits Per Second (Mbps) Rating What you can do 100 Mbps and up Blazing fast Stream 4K videos on multiple devices, play online games with your friends, or have a video call at the same time. 50 Mbps and up Lightning fast Stream 4K video, video call, and online games on multiple devices at the same time. 25 Mbps and up Pretty snappy Reliably stream HD videos on multiple devices at the same time. 13 Mbps and up Good Stream a few HD videos at once. Decent for a crowded home, but best for small households. 7 Mbps and up Ok Stream one HD video. If multiple devices are streaming videos at the same time, some videos might start to buffer. 3 Mbps and up A little slow Stream a standard definition video on one device. Under 3 Mbps Not so great Web browsing should be fine, but videos may load slowly. Try to run a speed test again. Slow results can be due to congestion on your ISP's network or on the internet, which are most crowded during peak hours like dinnertime. When networks get crowded, data gets slowed down. Turn off Priority device. Priority device reserves bandwidth for the prioritized device and will result in slower network check results. Perform a mesh test and check if there are issues with your network. Check with your ISP if there are any outages or issues with their internet service. To calculate your download speed, the Google Home app measures how much data your router or primary Wifi point can send and receive from Google's servers in a given amount of time. We believe that testing speed against a popular server such as YouTube instead of the closest one provides a truer measure of normal, everyday internet use. For example, if your download speed is 45 Mbps, that means: 45 megabits of data can be transferred in one second from YouTube's servers to your home. Note: Any speed test is just a snapshot of your download speed, which depends on when and where you use the internet. You might not have the same speed for everything you do online. Your network's bandwidth could be throttled. Bandwidth throttling is an intentional limitation sometimes employed by ISPs to limit the download speed on a network to regulate network traffic and try to manage network congestion. If YouTube traffic is regulated, it can impact Google Home app speed test results. Network congestion is a factor. Depending on what you're doing, when you're doing it and what other people on the internet are doing, your download speed could potentially be higher or lower than your speed results. Upload speed This measures how fast your network can send data to a server. Upload speed is important for online gaming, video or voice calls, and uploading large files like videos to YouTube or backing up photos. Upload speed is measured in Mbps. Overall performance also depends on internet speed You can have the best router in the world, but if the internet connection provided by your ISP is slow, you'll still have slow performance. Most online speed tests check for speeds between your personal devices and a server. But these results will vary depending on two factors: Your location The location of the server Some tests automatically select the closest server to you, while others let you select from a list of several servers. Either way, one thing for sure: distance matters. Test against a server that's close to you and the results will be faster. Test against a farther server and they'll be slower. This variability can lead to results that aren't always representative of the speeds you'll experience in everyday use. Google measures the speed between your Wifi point(s) and Google's servers. We believe that testing speed against popular servers such as YouTube's servers provides a truer measure for normal, everyday internet use. Multiple factors can go into speed tests when run on a router: Network congestion: High data usage at a given time can limit network speeds. Congestion can happen to your Wi-Fi network when multiple devices are actively using the internet and can also happen to ISPs when a certain area receives limited network speed due to heavy usage of the internet by everyone at the same time. Bandwidth throttling: Sometimes ISPs intentionally throttle networks at certain times of the day to regulate network traffic and minimize congestion. Related articles Test mesh connection between Wifi points Improve your Nest Wifi or Google Wifi speed Troubleshoot slow internet on Google Nest Wifi or Google Wifi If you can't access the internet on your Android device, either through an app or a website, try these troubleshooting steps. Signs of a bad connection Downloads don't start, time out, or remain at 0%. Google Play is stuck on "Loading..." You can't load web pages in a browser. General troubleshooting tips for Android devices Restart your device. It might sound simple, but sometimes that's all it takes to fix a bad connection. If restarting doesn't work, switch between Wi-Fi and mobile data: Open your Settings app and tap Network & internet Connections. Depending on your device, these options may be different. Turn Wi-Fi off and mobile data on, and check if there's a difference. If not, turn mobile data off and Wi-Fi on and check again. Try the troubleshooting steps below. Fix mobile data problems Open your Settings app and tap Network & internet Connections Mobile data or Cellular data. On some devices, you may need to select Data usage before you find this. Turn Mobile data or Cellular data on. If it's already on, turn it off and on again. Check that there is a data indicator, like 2G, 3G, 4G, or H, next to the signal strength bars at the top of the screen. Sometimes this won't display if you have an active Wi-Fi connection. If this is the case, turn Wi-Fi off and check again. If you don't get a signal data indicator, you may be in an area without coverage. If you can, move to a different area, go outside, and check your signal again. Tip: If this happens a lot, contact your mobile service provider. Turn airplane mode on & off Open your Settings app and tap Network & internet Connections Airplane Mode. Depending on your device, these options may be different. Turn Airplane mode on. Wait for 10 seconds. Turn Airplane mode off. Check if the connection problems have been solved. If you still have problems after you complete these steps, contact your mobile service provider. Fix Wi-Fi problems Open your Settings app and tap Network & internet Connections Wi-Fi. Depending on your device, these options may be different. Turn Wi-Fi on. Find the Wi-Fi connection indicator at the top of your screen . If this isn't displayed, or none of the bars are filled in, you may be out of range of a Wi-Fi network. Move closer to the router, check if you have a stronger Wi-Fi connection, and try again. If you are connecting to Wi-Fi at home, check your router's manual for instructions on how to reset it. Often you can: Unplug the router from the electrical outlet and make sure the lights on the router go out. Wait 30 seconds. Plug the router back in and wait 30 seconds for all the lights to come back on. If you still have connectivity issues after you complete these steps, contact your internet service provider or the host of the Wi-Fi network. Post to the help community Get answers from community members To get results from Google each time you search, you can make Google your default search engine. Set Google as your default on your browser If your browser isn't listed below, check its help resources for info about changing search settings. Google Chrome Open Google Chrome. In the top right, click More Settings. Or, in your address bar, enter chrome://settings. Tip: If there's a Chrome update available, in the top right, you'll find Update . Click Update Settings. Under "Search engine," select Google. Open the Chrome app . In the top right, tap More Settings. Under "Basics," tap Search engine Google. Open the Chrome app . Tap More Settings . Tap Search engine Google. Microsoft Edge Open Microsoft Edge. At the top right, click Settings and more Settings. On the left, click Privacy, search, and services. Scroll to "Services." Click Address bar and search. In the "Search engine used in address bar" drop-down, click Google. In the "Search on new tabs uses search box or address bar" drop-down, click Address bar. Internet Explorer 8 & higher Tip: To find which version of Internet Explorer you're using, click Help About Internet Explorer. Internet Explorer 11 Open Internet Explorer. At the top right, click the gear icon. Click Manage add-ons. At the bottom, click Find more toolbars and extensions. Scroll down to the Google Search extension. Click Add. To confirm, click Add again. At the top right, click the gear icon. Click Manage add-ons. On the left, under "Add-on Types," click Search Providers. On the right, click Google Search. At the bottom, click Set as default. Internet Explorer 10 Open Internet Explorer. In the top right corner of the page, click the gear icon. Click Manage add-ons. On the left side of the page, click Search Providers. In the bottom left corner, click Find more providers. Select Google. Click Add to Internet Explorer. Check the box next to "Make this my default search provider." Click Add. Internet Explorer 9 Open Internet Explorer. In the top right corner of the browser, click the Tools icon. Click Internet options. In the General tab, find the "Search" section and click Settings. Select Google. Click Set as default. Click Close. Internet Explorer 8 Open Internet Explorer. In the top right corner of your browser, click the down arrow in the search box. Click Find More Providers. Click Google. Check the box next to "Make this my default search provider." Click Manage Search Providers. Click Add. Firefox Open Firefox. In the small search bar in the top right of your browser, click Search. Click Change Search Settings. Under "Default Search Engine," select Google. Safari Open Safari. Click the search bar. In the left corner of the search bar, click the magnifying glass. Select Google. Android browser Open your browser app. It could be called Internet or Browser. Tap the Menu button on your phone or at the top right of the browser. Tap Settings Advanced Set search engine. Tap Google. Search widget Important: This feature is available on new devices distributed in the European Economic Area (EEA) on or after March 1, 2020. On your Android phone or tablet, open the Google app . At the top right, tap your Profile picture or initial Settings. Tap Search widget Switch to Google. Tip: Learn how to set Google as your homepage. Post to the help community Get answers from community members Weiter: In Chrome anmelden Mit Chrome kennen Sie auf Ihrem iPhone oder iPad im Web surfen. fhen Sie auf Ihrem iPhone oder iPad den App Store. Geben Sie in die Suchleiste Chrome ein. Tippen Sie auf Laden. Folgen Sie der Anleitung auf dem Bildschirm, um die Installation durchzuführen. Geben Sie bei Aufforderung Ihr AppleID-Passwort ein. Tippen Sie auf fhen, um im Internet zu surfen. Tippen Sie zum fhen von Chrome ber den Startbildschirm auf Chrome . Wie knnen wir die Seite verbessern? Im Hilfeforum posten Antworten von Forenmitgliedern erhalten

Internet cafe design ideas. Modern cafe interior design. Cafe interior design ideas. Coffee shop interior design ideas. Cafe interior. Modern cafe interior design ideas. Interior cafe design.