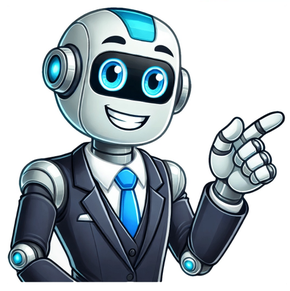
I'm not a robot



Nest Wifi Pro, Nest Wifi routers, and Google Wifi are Wi-Fi systems that are typically connected wirelessly. However, if you prefer wired backhaul, these devices have Ethernet ports that let you physically connect them together. Here are some possible setups you can do: Chain multiple routers together Connect devices like a computer or TV directly into the LAN port of your router Note: For a mesh point, either the WAN or LANport can be used as a LAN port.Use a switch to add more LAN portsto hardwire your Wifi devices. Use third-party routers in addition to your Nest or Google Wifi network Things to avoid: Don't connect any devices including computers, switches, or another Wifi pointto your primary Wifi device that's plugged into your modem, until after setup is completed. Nest Wifi points don't have Ethernet ports and can't be hardwired. Nest Wifi Pro (Wi-Fi 6E) can't be combined with Nest Wifi or Google Wifi (Wi-Fi 5) in a mesh network. Don't include more than 5 routers or points in a mesh network. Adding more might be detrimental to Wi-Fi performance. If you use a switch, we recommend using an unmanaged switch or configuring a managed switch to disable Spanning Tree Protocol (STP) and forward Bridge Protocol Data Units (BPDUs) when STP is disabled. This will avoid technical issues with some managed switches as it relates to routing and network loops. Key terms for hardwiring your network The supported setups below use the following terms: Wifi router: Commonly refers to the Nest Wifi Pro, Nest Wifi, or Google Wifi device that's connected to the modem. Router is also used for Wifi devices that have Ethernet ports. Point: A point or points refer to any Nest Wifi Pro, Nest Wifi, or Google Wifi device that's added to the main router as part of your mesh network to extend coverage. Nest Wifi points don't have Ethernet ports and can't be hardwired. Learn more about compatibility for Nest Wifi and Google Wifi products. Switch: A switch is a networking device that connects devices, like computers, printers, and services, to each other, typically over Ethernet ports. Having a switch can allow you to expand your networking system with additional Ethernet ports, which enables you to hardwire more devices to your network.If you use a switch, we recommend using an unmanaged switch or configuring a managed switch to disable Spanning Tree Protocol (STP) and forward Bridge Protocol Data Units (BPDUs) when STP is disabled. This will avoid technical issues with some managed switches as it relates to routing and network loops. Third-party router: This refers to a router provided by your ISP (Internet Service Provider) or one you own that isn't a Nest Wifi or Google Wifi product. In some cases, rather than using a switch, you can use an old router to provide additional ports to your network. Before you use your old Wi-Fi router as a switch, turn off any built-in Wi-Fi in the third-party router. Ethernet cable: To hardwire your devices, you'll need to connect each device together with Ethernet cables. It's recommended you use a minimum of CAT5e-rated cables for Nest Wifi Pro, Nest Wifi, and Google Wifi. WAN port : This is the outbound port that connects your main router to the internet. It's wired toward your modem. LAN port : This is the inbound port that goes toward your wired devices. Compatibility Wifi device Works as a Wifi router Works as point Can be combined with Nest Wifi Pro router Yes Yes Nest Wifi Pro router only Nest Wifi router Yes Yes Nest Wifi router Nest Wifi point Google Wifi point Nest Wifi point No Yes, wireless only Nest Wifi router Nest Wifi point Google Wifi point Google Wifi point Yes Yes Nest Wifi router Nest Wifi point Google Wifi point Supportedsetups () Modem Wifi router Point Modem's LAN port connects to Wifi router's WAN portoverwired Ethernet. Wifi router's LAN portconnects to a point's WAN port overwired Ethernet. You can chain multiple points over wired Ethernet. () Modem Wifi router Point Additional point and so on Learn more about using switches with Google Nest Wifi or Google Wifi devices. () Modem Wifi router Switch Point(s) Modem's LAN port connects to Wifi router's WAN portoverwired Ethernet. Wifi router's LAN port connects to switch's WAN or uplink port overwired Ethernet. Switch's LAN port(s) connects to any point's LAN port overwired Ethernet. Switches and points can be connected in any order, as long as they're downstream of the Wifi router, and you can connect several of these devices over wired Ethernet.It's important to connect downstreamas it allows the Wifi router to manage the downstream points over the wired Ethernet. Note: Don't connect points that aren't set up yet to a switch. Only connect your points to a switch once they're ready for setup. () Modem Wifi router Switch Point Additional point () Modem Wifi router Point Switch Point Additional point Include a third-party router upstream of the primary Wifi point (not recommended) Tip: Instead of buying a new switch, it might be possible to use a third-party router as a switch. To do this, set the third-party router in bridge mode and disable its Wi-Fi functions. Refer to the third-party router manual on how to do this. () Modem Third-party router Wifi router Point Modem's LAN port connects to third-party router's WAN port over wired Ethernet. Third-party router's LAN port connects toWifi router's WAN port over wired Ethernet. Wifi router's LAN port connects to any point's WAN portover wired Ethernet, ora switch as shown above. With this configuration, you might run into Double NAT, which isn't necessarily a problem. But if it's causing problems, it's recommended you put your third-party router in bridge mode. Once in bridge mode, you can choose whether or not to turn Wi-Fi off on your third-party router. Note: In the following diagram, "" means to connect via wired Ethernet. () Modem Managed network switch Primary Wifi point Mesh Wifi point Connect your modem's LAN port to the managed network switch's WAN port via wired Ethernet. Connect your managed network switch's LAN port to your primary Wifi point's WAN port via wired Ethernet. Connect your primary Wifi point's LAN port to any mesh Wifi point's WAN port via wired Ethernet (or via a switch as shown above). You might need to make some changes to your managed network switch's settings. Contact the switch's manufacturer for assistance. Setups to avoid (X) Modem Switch Wifi router Point (X) Modem Third-party router Switch Wifi router Point Modem's LAN port connects to switch's WAN oruplink port over wired Ethernet. Switch's LAN ports connect to both aWifi router and another point. To work as a mesh point, the point should always be wired downstream from the Wifi router. In the diagrams above, the mesh won't work is because the point is unable to get an IP address from the Wifi router. Rather, boththe Wifi router and point get IP addresses from the upstream modem, so the Wifi router isn't able to form the mesh with the Wifi point. For correct operation, the Wifi router should either be plugged in between the modem and switch, orthe point should be plugged in downstream of the Wifi router. () Modem Wifi router Switch Point () Modem Switch Wifi router Point (X) Modem Third-party router Wifi router Point Modem's LAN port connects to third-party router's WAN port overwired Ethernet. Third-party router's LAN ports connect to both a Wifi router and another point's WAN ports overwired Ethernet. In this example,the point should be plugged in downstream of the Wifi router instead. () Modem Third-party router Wifi router Point (X) Modem Wifi router Third-party router Point Modem's LAN port connects to Wifi router's WAN port over wired Ethernet. Wifi router's LAN port connects to third-party router's WAN port over wired Ethernet. Third-party router's LAN port connects to Google Wifi point's WAN port over wired Ethernet. If the third-party router isn't in bridge mode (NAT is still active), any wired or wireless clients including the mesh points might not be able to communicate with the Wifi router as the third-party router NAT will create a separate subnet. To work as desired, the third-party router should be set to bridge mode, replaced with a switch, or removed from the network. () Modem Wifi router Point () Modem Wifi router Switch Point SearchClear searchClose searchGoogle appsMain menuA router is a device that provides Wi-Fiand is typically connected to a modem. Itsends information from the internet topersonal devices likecomputers, phones, and tablets. Theseinternet-connected devices in your home make up your Local Area Network (LAN). Once a modem brings in information from the internet, a router distributes this data to your personal devices. Note: To use Google Wifi, youll need to set up one of your Google Wifi points as a router (primary Wifi point). Connect your router or primary Wifi point to a modem with an Ethernet cable. Keep in mind, some apartment buildings and dorms dont require modems for broadband connections. If this is the case, you can plug your router directly into an available wall Ethernet port. Related articles Learn how to connect your Google Wifi point to a modem Learn how to restart your Wifi devices Learn about Double NAT (when two routers are performing network address translation) If you change your Wi-Fi credentials or replace your Wi-Fi router, you need to connect your Google Nest or Home device to the new network. You might also need to factory reset your device and set it up again to reconnect to the network Choose your Google Nest or Home device for specific instructions. Speakers and displays Google Nest display: Google Nest Hub, Google Nest Hub (2nd gen), Google Nest Hub Max Google Home speaker: Google Home, Google Home Mini (1st gen), Google Home Max Google Nest speaker: Google Nest Mini (2nd gen), Google Nest Audio Make sure your mobile device or tablet is linked to the same account as your device. Open the Google Home app . Tap and hold your device's tile. Tap Settings Device information. Tap Wi-Fi Forget this network. Return to the Google Home app home screen and tap Devices Add Google Nest or partner device . Follow the in-app steps. You need to reset and set your device again if: The steps above dont work. You get an error message that says "could not communicate with your [device]" when you try to forget your network. Youre unable to change the network settings within the Google Home app. You have issues when you add the device to another Wi-Fi network. Thermostats Nest Learning Thermostat (4th gen) Important: You need to be near your thermostat to update your Wi-Fi information. Open the Google Home app . Tap Favorites or Devices . Select your thermostat. Tap Settings Device information Wi-Fi. The app will walk you through how to changethe Wi-Fi network. What you need Nest Learning Thermostat (3rd gen or earlier) Press the thermostat ring to bring up the Quick View menu. Select Settings . Turn the ring and select Network. Select the new Wi-Fi network name and enter the new password. It may take a few moments for your network to appear. Factory reset and set up your device again Cameras and doorbells Google Nest Cam: Google Nest Cam (battery), Google Nest Cam (wired), Google Nest Cam Indoor, Google Nest Cam Outdoor, Google Nest Cam IQ Indoor, Google Nest Cam IQ Outdoor Google Nest Doorbell: Google Nest Doorbell (battery), Google Nest Doorbell (wired, 2nd gen), Google Nest Doorbell (wired) From the Google Home app: Open the Google Home app . Tap Favorites or Devices . Tap and hold your device's tile More Settings . Tap Remove Device. If your device was online, it will factory reset automatically when you remove it from the app. If your device was offline, you must also factory reset it manually. Wait for the device to finish the factory reset. Tap Devices Add Google Nest or partner device . Continue to set up your camera or doorbell with the new Wi-Fi information. Important: If you cant find Home Wi-Fi help, you'll need to remove your camera from the app and add it back with new Wi-Fi information. You'll lose your video history so make sure to save any important video clips before you remove your camera. On the Nest app home screen, tap Settings . Select Home info then Home Wi-Fi help. Select the camera you want to update. Tap Start Update settings. Nest Wifi Pro, Nest Wifi and Google Wifi Nest Wifi Pro Nest Wifi Google Wifi Make sure the provided Ethernet cable is connected securely (the tab should click in) to yourNest Wifi router or primary Google Wifi point's WAN port . The other end should be connected securely to your modem. Make sure your modem and Wifi router and point(s) are powered on and that all cables are secure. Make sure your modem is connected to an internet source, such as your cable, DSL or Fiber provider's line that comes into your home. Important: If only a Wifi mesh point is offline, check that it's within range of your router or primary Wifi point. You might need to move the point closer to your router or to another mesh point. Disconnect power from all of your network devices, such as your modem and any Google Nest Wifi or Google Wifi devices. Wait until all the lights on the devices you unplugged are off. It confirms that the devices no longer have power. Reconnect power to your modem. Wait until your modem is fully powered on and all of its indicator lights are back on. It usually takes about 2 minutes. Make sure all Ethernet cables are still secure. Reconnect power to your Google Nest Wifi router or primary Google Wifi point and wait until it's fully on. It takes about 1 minute. Reconnect power to any additional points or routers. Close and reopen the Google Home app. Perform a mesh test to confirm your devices work properly. Learn what the lights mean on your Google Nest Wifi or Google Wifi devices. Check your configuration In most cases, you don't need to change network configurations. Google Nest Wifi and Google Wifi use DHCP, a common internet connection protocol, by default. You might need to adjust the WAN settings in the Google Home app: DSL and Fiber internet users You might need to enter a PPPoE account name and password on the Nest Wifi router or primary Wifi point. Your modem needs this information to access the internet. You can do this in the Google Home app's WAN settings. If you don't know your PPPoE information, contact your ISP. You can alsoLearn how to fix PPPoE issues during setup. Static IP If you receive a static IP through your ISP, enter your static IP information in the WAN settings of the Google Home app. Your ISP should be able to provide this information. The lights and LEDs of your Nest Wifi Pro, Nest Wifi, or Google Wifi devices show the status of your network or Wifi device. Each light color and pattern has a different meaning and represents what your device is doing during setup. They can also indicate network problems. Note: Light colors are different for the Nest Wifi Pro router,Nest Wifi router, Google Nest Wifi points, and Google Wifi points. First, confirm what Wifi device you own. Nest Wifi Pro router Understanding the Status Light on Google Nest Wifi Pro Color What it means What to do No light The router has no power. Check that the power cable is properly connected to your router and a working wall outlet. If your device is already set up and the light appears off, check your light brightness settings in the app. If there's stil no light, contact customer support. The device is online and you've turned off the status light in the Google Home app. You're online. Solid white The device is online. Note: By default, the light is turned on for online Nest Wifi Pro routers, but you can turn it off in the Home app. You're online. Fast pulsing white The deviceis booting up. Wait for the device to boot up. This takes about a minute. When it's done, it'll slowly pulse blue to let you know it's ready for setup. The device is updating. Wait for the device to complete the update. Slow pulsing blue The device is ready for setup. Use theHome app to set up your router. Fast pulsing blue Pairing is in progress. Wait for the device to complete pairing. Solid yellow Router is factory resetting. Note: A solid yellow light during setup also indicates a network error on your device. This can take up to 10 minutes. When it's done, the device will reset itself Slow blinking yellow There's a network error or WAN connectivity was lost Note: This can also be seen on the Nest Wifi Pro mesh point. Check that the Ethernet cable is connected to both your router and modem, and both devices are turned on. You might need to unplug, then plug in each device again. Learn more about fixing network errors. Fast blinking yellow The device encountered an error during setup. Something went wrong. Wait for the device to slowly pulse blue, then try to pair the device again. You're holding down the reset button and factory resetting the device. If you keep holding down the reset button, after about 12 seconds, the light will turn solid yellow. Once it's solid yellow, let go of the factory reset button. Fast blinking red Something's wrong. Critical failure. Factory reset the router. If the light stays red, contactcustomer support. Nest Wifi router Color What it means What to do No light Router has no power or the light was dimmed in the app. Check that the power cable is properly connected to your router and to a working wall outlet. If your device is already set up and the light appears off, check your lightbrightness settings in the app. If there's still no light, contact Wifi customer support. Solid white, no light, solid white Device is booting up. Wait for the device to boot up. This takes about a minute. When it's done, it will slowly pulse white, letting you know it's ready for setup. Slowly pulsing white Device is ready for set up. Use theHome app to set up your router. Solid white Router is online and all is well. You're online. Enjoy! Pulsing yellow There is a network error. Check that the Ethernet cable is connected to both your router and your modem and both devices are turned on. You might need to unplug and plug in each device again. Learn more about fixing network errors. Fast blinking yellow You are holding down the reset button and are factory resetting this device. If you keep holding down the reset button, after about 12 seconds, the light will turn solid yellow. Once it is solid yellow, let go of the factory reset button. Solid yellow Router is factory resetting. This can take up to 10 minutes. When it's done, the device will reset itself and start pulsing white, letting you know it's ready for setup. Solid red Something is wrong. Critical failure. Factory reset the router. If the light stays red, contact Wifi customer support. Nest Wifi point The light ring on the bottom of the point shows various statuses. Note: The 2white LEDs on the top of the point indicate volume control and help you know where to touch to control volume. These will appear when music is playing and your hand gets close or when you touch the volume controls. Color What it means What to do No light Note: When Nest Wifi points are set up, lights will only appear when youre interacting with the device. Nest Wifi point has no power orthe light was dimmed in the app. Check that the power cable is properly connected to yourpoint and a working wall outlet. Try the voice command Ok Google. If the bottom lights up when you speak to the point or tap the volume controls, its working properly. If yourpoint is already set up and the light appears off, check your light brightness settings in the app. The bottom light could be dimmed or the mute light might be turned off, but your device is working properly. If there's still no light, contact Wifi customer support. Solid orange The microphone is muted and turned off. On the back of the point, move the switch to turn it back on. Note: Turning off the microphone prevents the point from listening or responding. To interact by voice with your point, the microphone must be on. Fast pulsing yellow Youre about to factory reset the device. Continue holding the factory reset button to reset the device, or let go to stop. Slowly pulsing white Device is booting up or is ready for set up. Use theHome app to complete set up. Un router es un dispositivo que proporciona Wi-Fiy que generalmente est conectado a un mdem. Enva informacin desde Internet a los dispositivos personales, como computadoras, telfonos o tablets. Los dispositivos conectados a Internet de tu casa conforman la red de rea local (LAN). Despus de que el mdem obtiene informacin de Internet, el router distribuye estos datos a los dispositivos personales. Nota: Para usar GoogleWifi, debers configurar uno de tus punto de acceso de GoogleWifi como router (punto de acceso principal de Google Wifi). Conecta el router o el punto de acceso principal de GoogleWifi a un mdem con un cable Ethernet. Ten en cuenta que, en algunos edificios de departamentos y dormitorios, no se necesita un mdem para las conexiones de banda ancha. Si ese es tu caso, puedes conectar el router directamente al puerto Ethernet de la pared. Artculos relacionados Aprende a conectar tu punto de acceso de GoogleWifi a un mdem Aprende a reiniciar tus dispositivos Wifi Conoce la NAT doble (cuando dos routers realizan la traduccin de direcciones de red) Nest Wifi is a home mesh Wi-Fi system that can be made up of Nest Wifi routers and Nest Wifi points. Nest Wifi replaces your traditional router to provide reliable Wi-Fi coverage throughout your home. Nest Wifi points also have a speaker with Google Assistant, so you can play music, control supported connected devices, and more. Wi-Fi coverage for your home Nest Wifi is built on mesh Wi-Fi technology.The router and point work together to make sure your devices stay on the clearest channel with the most bandwidth. The result is a strong Wi-Fi signal throughout your house, not just next to your router. This makes it possible to move from room to room on a video call with minimal disruption, or stream multiple 4Kvideos at once. The Wi-Fi system is scalable, so you can find the right number of Nest Wifi devices available for the size and shape of your home. If you still need more coverage, just add additional Nest Wifi points. Nest Wifi is backwards compatible with Google Wifi points.Nest Wifi Pro (Wi-Fi 6E) can't be combinedwith Nest Wifi routers or points or Google Wifi points (Wi-Fi 5) in a mesh network.Learn more about Nest Wifi Pro. Built-in speaker with Google Assistant Nest Wifipoints have a speaker with Google Assistant, so you can play music, manage your Wi-Fi network, find answers, control your connected devices, and more using just your voice. Note: The Nest Wifi router does not include a speaker or Google Assistant. Easy to set up, easy to manage You can easily set up Nest Wifi in minutes and manage it in the Google Home app, alongside your other connected devices. After youre up and running, automatic updates will give you new features and help keep your network secure. Create a guest network and share your password from the Google Home app. You can decide which devices to prioritize for faster speeds, and run speed tests to make sure your network is optimized. Family Wi-Fi lets you set schedules to manage screen time, restrict certain kinds of adult content, and pause Wi-Fi to specific devices whenever you want. Network insights helps you identify and fix common network problems to keep your devices connected. Matter and Thread support for a more connected and compatible home Coming soon: Nest Wifi will receive software updates that will enableMatter, the new universal standard that simplifies smart home compatibility and setup. This makes home devices faster and more reliable. Learn more about Matter. As a Thread Border Router, it allows you to connect long-range Thread devices to extend your mesh network further. Thread is a wireless technology that provides connectivity between your devices giving them more ways to work faster and connect to your home network. Learn more about Nest devices with Thread. 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 wont have speeds as fast as computers. The model or version of the devicealso 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 callall 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 ISPs 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 Homeapp measures how much data your router or primary Wifi point can send and receive from Googles servers in a given amount of time. We believe that testing speed against a popularserver such asYouTubeinstead 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 asnapshot 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 isa factor. Depending on what youre doing, when youre 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 isimportant 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, youll 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 things for sure: distance matters. Test against a server thats close to you and the results will be faster. Test against a farther server and theyll be slower. This variability can lead to results that arent always representative of the speeds youll experience in everyday use. Google measures the speed between your Wifi point(s) and Googles servers. We believe that testing speed against popular servers such as YouTubes serversprovides 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 Google Nest has 3 different standalone mesh Wi-Fi systems: Nest Wifi Pro is a next generation Wi-Fi 6E system for our fastest speeds. It includes the use of the 6 GHz wireless band for improved performance, can be used as a Thread Border Router, and is Matter-enabled. Nest Wifi Pro (Wi-Fi 6E) can't be combined with Nest Wifi routers or points or Google Wifi points (Wi-Fi 5) in a mesh network. Google Wifi provides fast reliable coverage. It can be combined with the Nest Wifi router and point. Nest Wifi provides even more coverage and faster speeds than Google Wifi. Its composed of Nest Wifi routers and points. Nest Wifi points also act as a speaker with Google Assistant. Nest Wifi supports Thread and can be used as a Thread Border Router. Note: Nest Wifi and Google Wifi are no longer sold byGoogle. All Wifi devices are managed using the Google Home app, which makes for simple setup and provides easy access to many helpful features. Learn more about Google Nest Wi-Fi systems. Features Nest Wifi Pro router Nest Wifi router Nest Wifi point Google Wifi point Device image Wi-Fi standard Wi-Fi 6E Wi-Fi5 Wi-Fi5 Wi-Fi5 Wi-Fi bands Tri-band (2.4 GHz, 5 GHz, 6 GHz) Dual-band (2.4 GHz, 5 GHz) Dual-band (2.4 GHz, 5 GHz) Dual-band (2.4 GHz, 5 GHz) Mesh network Yes, compatible with Nest Wifi Pro routers only Yes, compatible with Nest Wifi routers and points, and Google Wifi points Not compatible with Nest Wifi Pro Yes, compatible with Nest Wifi routers and points, and Google Wifi points Not compatible with Nest Wifi Pro Yes, compatible with Nest Wifi routers and points, and Google Wifi points Not compatible with Nest Wifi Pro Matter-enabled Yes Coming soon Coming soon No Thread Border Router Yes Yes Yes No Smart speaker No No Yes No Ethernet ports 2 2 None 2 Family Wi-Fi Stay on top of your kids' screen time with Family Wi-Fi on the Home app: Pause Wi-Fi access on demand Schedule internet time-outs Automatically block adult websites Control multiple devices with groups Guest network Create a separate network and password for your guests and share your home devices. One app for setup and management Home app Network insights Yes matthias2100 Forum Legend II 441021103162005-10-21 Below are the technical specs for the Nest Wifi Pro router, Nest Wifi router, Nest Wifi point, and Google Wifi points. Learn more about the differences between Nest Wifi and Google Wifi products. Nest Wifi Pro router Qualcomm SoC IPQ5018 1.0 GHz Dual-core A35 1 GB DDR3L 4 GB eMMC storage External adapter: A05 (10V/2.25A) 2 Ethernet ports support 1 Gbps wired speeds per router Can handle up to 100 connected devices per router* Multiple simultaneous 4K video streams WPA3 encryption Automatic security updates Trusted platform module Dimension: 117 mm x 130 mm Weight: 450 g Material: High gloss plastic PCR: Approximately 60% recycled materials based on product weight Nest Wifi Pro (Wi-Fi 6E) can't be combinedwith Nest Wifi routers or points or Google Wifi points (Wi-Fi 5) in a mesh network. Wi-Fi supports IEEE802.11a/b/g/n/ac/ax *This is based on only using connected devices at a maximum data rate of 1 Mbps. Requires sufficient broadband internet connection and connected devices must be located within Wi-Fi coverage area described at g.co/nestwifi/coverage. Strength and speed of signal will also depend on your internet provider. Nest Wifi tech specs AC2200 4x4 MU-MIMO Wi-Fi Expandable 802.11s mesh Wi-Fi Simultaneous dual-band Wi-Fi (2.4 GHz/5 GHz) supporting IEEE 802.11a/b/g/n/ac Transmit Beamforming Bluetooth Low Energy (BLE) Automatic 802.11k/v client roaming Thread border router 802.15.4 Coming soon:Matter-enabled 2 Gigabit Ethernet ports (WAN and LAN) Barrel jack power Color: Snow Material: External enclosure made from 45% post-consumer recycled plastic Can handle up to 100 connected devices* Multiple simultaneous 4K video streams WPA3 encryption Automatic security updates Trusted platform module Quad-core 64-bit ARM CPU 1.4 GHz High-performance ML hardware engine Diameter: 4.33 in (110 mm) Height: 3.56 in (90.4 mm) Weight: 13 oz (380 g) Compatible with previous generation Google Wifi devices. Not compatible with the next generation Nest Wifi Pro. *This is based on only using connected devices at a maximum data rate of 1Mbps. Requires sufficient broadband internet connection and connected devices must be located within Wi-Fi coverage area described at g.co/nestwifi/coverage.Strength and speed of signal will also depend on your internet provider. AC1200 2x2 MU-MIMO Wi-Fi Expandable 802.11s mesh Wi-Fi Simultaneous dual-band Wi-Fi (2.4 GHz/5 GHz) supporting IEEE 802.11a/b/g/n/ac Transmit Beamforming Bluetooth Low Energy (BLE) Automatic 802.11k/v client roaming Thread border router 802.15.4 Coming soon:Matter-enabled 360-degree sound with 40 mm driver Bluetooth 5.0 3 far-field microphones for the Google Assistant Capacitive touch controls Colors: Snow, Mist (United States only), and Sand (United States only) Material: External enclosure made from 40% post-consumer recycled plastic Can handle up to 100 connected devices* Multiple simultaneous 4K video streams WPA3 encryption Automatic security updates Quad-core 64-bit ARM CPU 1.4 GHz High-performance ML hardware engine Diameter: 4.02 in (102.2 mm) Height: 3.43 in (87.2 mm) Weight: 12 oz (350 g) Requires a Nest Wifi router or previous generation Google Wifi device in order to extend your Wi-Fi network.Not compatible with the next generation Nest Wifi Pro. *This is based on only using connected devices at a maximum data rate of 1Mbps. Requires sufficient broadband internet connection and connected devices must be located within Wi-Fi coverage area described at g.co/nestwifi/coverage.Strength and speed of signal will also depend on your internet provider. Google Wifi point Up to 1,500 square feet per point** Expandable802.11s mesh Wi-Fi Scalable and flexible system add points to fit homes of any size** Supports both star and daisy chain configurations Automatic 802.11.k/v client roaming Proactive band steering directs devices to channels with the best performance Self-healing network Transmit beamforming Bluetooth Low Energy (BLE) Each point can handle up to 100 connected devices*** Multiple simultaneous 4K video streams*** WPA3 encryption Automatic security updates Trusted Platform Module AC1200 MU-MIMO Wi-Fi Simultaneous dual-band (2.4 GHz or 5 GHz) Wi-Fi supporting IEEE 802.11a/b/g/n/ac 512 MB RAM 4 GB eMMC flash Dual Gigabit Ethernet ports Diameter: 106.12 mm Height: 68.75 mm Weight: 340 g 49% of device plastic part weight is made with recycled material Compatible with the Nest Wifi router and Nest Wifi point. Not compatible with the next generation Nest Wifi Pro. **Home size, materials and layout can affect how Wi-Fi signal travels. Larger homes or homes with thicker walls or long, narrow layouts may need extra Wifi points for full coverage. Strength and speed of signal will depend on your internet provider. ***This is based on using connected devices at a data rate of 1 Mbps each. Requires sufficient broadband internet connection and connected devices to be located within Wi-Fi coverage areas described at g.co/googlewifi/coverage.Strength and speed of signal will also depend on your internet provider. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

Huawei ospf configuration example. Ospf abr router configuration example. Ospf configuration cisco. Cisco router ospf configuration example. Ospf routing cisco. Ospf configuration. Ospf configuration between 3 routers. Huawei router ospf configuration example. Ospf configuration example. Router ospf. Ospf config.