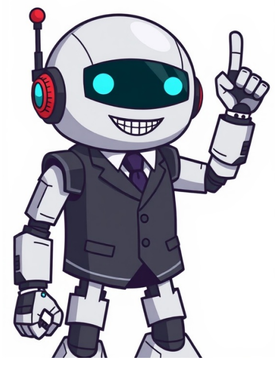
Click Here



If you're having trouble setting up a TV or speaker that works with Cast, try these steps: Step 1: Disable Access Point/AP isolation, also known as Client isolation or guest mode, on your router Your Wi-Fi network configuration prevents devices from communicating with Chromecast. In order to resolve this issue, you will need to disable AP (access point) isolation, also known as client isolation, on your router. Please refer to your router documentation to learn how to disable AP isolation. If you do not have access to your router settings, or if you are attempting to connect through a guest, hotel or public network with AP/client isolation, you will be unable to set up your Chromecast. If you are attempting to connect through a Wi-Fi extender, please check your extender settings. You will need to disable AP isolation on your Wi-Fi extender before setting up Chromecast to work with your Wi-Fi network. Step 2: Enable UPnP (Universal Plug and Play) also known as Multicast on your router UPnP (Universal Plug and Play), also known as multicast, allows for the discovery of UPnP enabled devices on the same Wi-Fi network. You will need to enable UPnP in your router settings. Please refer to your router manufacturer's documentation to learn how to enable UPnP on your router. 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 Home All devices, then touch and hold your device's tile. Tap More Settings Device information. Tap Wi-Fi Forget this network. Return to the Google Home app home screen and tap Home Add Device Search for 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 HomeAll 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: Nest Cam Indoor (wired, 3rd gen) Nest Cam Outdoor (wired, 2nd Gen) 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 (wired, 3rd gen) 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 HomeAll devices. Touch and hold your device's tile, then tap 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. From the Home tab, tap AddDevice Scan QR code. 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. A 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) How to install and set up Google Wifi Set up your Google Wifi mesh Wi-Fi system to expand Wi-Fi coverage throughout your home. To set up Google Nest Wifi devices with an existing Google Wifi network, follow the instructions on how to use Google Wifi with Nest Wifi. To add Google Wifi to your existing Nest Wifi or Google Wifi setup, follow the instructions below to add an additional point. Google 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. To get started, you need: Google Wifi point(s) A Google Account One of the following mobile devices: Android phone or tablet with Android 9.0 or later iPhone or iPad with iOS 16.0 or later The latest version of the Google Home app available on Android or iOS Internet service Modem (not provided) Ethernet cable for the primary Wifi point (provided) Power adapter for each Wifi point (provided) To temporarily disable your phones VPN in your phones settings, if you have a VPN (iOS only) Important: It's strongly recommended you purchase Google Wifi from the country where you'll be using it. Since wireless regulations vary by country, you might experience compatibility issues if you move your Wifi device(s) to a different country and Google will be unable to offer support. Set up your primary Google Wifi point Before you set up your first Google Wifi point, referred to as "primary Wifi point" or "Wifi router," make sure your modem works and is connected to the internet. Download the Google Home app for Android or iOS. If this is your first time using the Google Home app , set up a home. Choose a location for your primary Wifi point. You can use any Google Wifi point as a primary Wifi point. Your primary Wifi point needs to be connected to a working modem that's connected to the Internet. For the strongest signal, place your primary Wifi point at eye level, in plain view, like on a shelf or TV stand. Learn more about where to place your Google Wifi devices. Connect the Ethernet cable to your Google Wifi point's WAN port . Then, connect the other end of the cable to your modem. Plug your primary Wifi point into a wall outlet. Wait 90 seconds for the light to slowly pulse blue. The pulsing blue light indicates it's ready to be set up in the Home app . On your phone or tablet, open the Home app . From the Home tab, tap Add Device Search for device . Choose a home. The app should find your Google Wifi device. Tap Yes to continue. If you have multiple devices available for setup, select your primary Wifi point. Scan the QR code on the bottom of your device. Hold your phone about 5 in (12 cm) away to scan. Learn more tips for scanning QR codes. If you're unable to scan the QR code, tap Continue without scanning, then enter the setup key on the bottom of your device. Give your Wi-Fi network a name and secure password. Select a room for your router or create a new one. Continue through the app to complete setup. The router should now create your Wi-Fi network. This might take a few minutes. If you'd like to add another Wifi device, tap Yes in the app to continue or follow the steps below to add a point at a later time. Add an additional point Google Wifi and Nest Wifi devices can be added anytime to your network. All additional Wifi devices are considered points in the mesh network. Once you've decided where to place your point and have plugged it in, use the Home app for setup. Open the Home app . From the Home tab, tap Add Device Search for device . If prompted, choose a home. The app should find your Wifi device. Tap Yes to continue. If you have multiple devices available for setup, select the device you'd like to set up as a point Next. Scan the QR code on the bottom of your device. Hold your phone about 5 in (12 cm) away to scan. Learn more tips for scanning QR codes. If you're unable to scan the QR code, tap Continue without scanning, then enter the setup key on the bottom of your device. Your point should now connect. For Nest Wifi points, when you get a sound from your speaker, tap Yes. Follow the in-app instructions to finish setup. If you'd like to add another point, tap Yes in the app when prompted, or repeat these steps at a later time for additional points. Once you've added all your Wifi devices, the app performs a mesh test to confirm everything works. Troubleshooting setupIf setup doesn't work, make sure: Your points are all plugged in and connected to the same Wi-Fi network. You meet all requirements in the "To get started, you need" section. Other troubleshooting steps to try: Force close, then reopen the Home app. Uninstall, then reinstall the Home app. Forgetnearby networks. Restart your Wifi device. Use a different device (phone or tablet) for setup. If set up still isn't working, try to factory reset your point, or you can contact support. Related articles Important: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. Google Nest Wifi Pro and Nest Wifi are whole-home mesh Wi-Fi systems from Google that can consist of a router and point(s). Each point expands coverage, so consider the placement of your Wifi devices to increase reliability of your Wi-Fi network throughout your home. Learn where to place your Wifi devices. To set up Google Wifi, check Set up Google Wifi. Get started Important: It's strongly recommended you purchase your Wifi device(s) from the country where you'll be using it. Since wireless regulations vary by country, you might experience compatibility issues if you move your Wifi device(s) to a different country, and Google will be unable to offer support. If you're setting up a mesh network, it's recommended you purchase all of your Wifi devices in the same country. You need: A Nest Wifi router or a Nest Wifi Pro router For the Nest Wifi router: Any additional Wifi devices you'd like to add such as Nest Wifi point, Google Wifi points, or Nest Wifi routers. This is optional to expand coverage. For the Nest Wifi Pro router: Any additional Nest Wifi Pro routers you'd like to add as points to expand coverage. If your Wifi device has previously been set up, factory reset your device before you add it to a new network A Google Account One of the following mobile devices: Android phone or tablet with Android 9.0 or later iPhone or iPad with iOS 16.0 or later Set up your Wi-Fi network Set up your Nest Wifi Pro router Set up Google Nest Wifi Pro Nest Wifi Pro is a next generation Wi-Fi 6E system that includes the use of the 6 GHz wireless band for improved performance. Nest Wifi Pro can also be used as a Thread border router and is Matter-enabled. Before you set up your Nest Wifi Pro router, make sure your modem is working and connected to the internet. Download the Google Home app on Android or iOS. If this is your first time using the Google Home app, set up a home. Choose a location for your router. If you have multiple Nest Wifi Pro routers, you can use any of them as your router. This router will need to be connected to a working modem that's connected to the internet. For the strongest signal, place your router at eye level in plain view, like on a shelf or TV stand. Learn where to place your router. Connect the Ethernet cable to your Nest Wifi Pro router's WAN port . Then, connect the other end of the cable to your modem. Plug your Nest Wifi Pro router into a wall outlet. After about a minute, to indicate it's on and ready for setup, the light will slowly pulse blue. If your Nest Wifi Pro doesn't show a pulsing blue light, perform a factory reset. On your phone or tablet, open the Google Home app . From the Home tab, tap AddDeviceScan QR Code. Choose a home. Select your Nest Wifi Pro router. Scan the QR code on the bottom of your device. Give your Wi-Fi network a name and secure password. To keep all of your devices connected, we suggest reusing the same network name (SSID) and password as your old router. Select a room for your router, or create a new one. The router will now create your Wi-Fi network. This might take a few minutes. If you'd like to add another Wifi device, tap Yes in the app to continue, or follow the steps below to add a point at a later time. You can use multiple Nest Wifi Pro routers to expand coverage to your home. Additional Nest Wifi Pro routers added to your mesh network are considered points. Use the Google Home app for setup. Open the Google Home app. From the Home tab, tap AddDeviceScan QR Code. If prompted, choose a home. Select the device you'd like to set up as a point Next. Scan the QR code on the bottom of your device. Follow the in-app instructions to finish setup. If you'd like to add another point, tap Yes in the app when prompted, or repeat those steps at a later time for additional points. Once you've added all of your Wifi devices, the app will perform a mesh test to confirm everything's working. If you have an iOS device, to be able to use Thread, make sure to grant Google Home app permission to access your network. Set up your Nest Wifi router Set up your Nest Wifi Nest Wifi devices provide fast reliable coverage and can be combined with Google Wifi points to provide more coverage. Nest Wifi point also works as a voice assistant speaker. Before you set up your Nest Wifi router, make sure your modem is working and connected to the Internet. The router is the unit with Ethernet ports on the bottom. Download the Google Home app on Android or iOS. If this is your first time using the Google Home app, set up a home. Choose a location for your router. Your router will need to be connected to a working modem that is connected to the Internet. For the strongest signal, place your router at eye level, in plain view, like on a shelf or TV stand. Learn where to place your router. Connect the Ethernet cable to your Nest Wifi router's WAN port . Then, connect the other end to your modem. Plug your Nest Wifi router into a wall outlet. After about a minute, to indicate it's on and ready for setup, the light will pulse white. On your phone or tablet, open the Google Home app . From the Home tab, tap AddDeviceScan QR Code. Choose a home. Select your Nest Wifi router. Scan the QR code on the bottom of your device. Select a room for your router or create a new one. Give your Wi-Fi network a name and a secure password. The router will now create your Wi-Fi network. This may take a few minutes. If you'd like to add another Wifi device, tap Yes in the app to continue or follow the steps below to add a point at a later time. Add a point or an additional router Nest Wifi devices and Google Wifi points can be added to the network you've created with your router. All additional Wifi devices added, including Nest Wifi routers, are considered points in the mesh network. Once you've decided where to place your point and have plugged it in, use the Google Home app for setup. Learn where to place your Wifi device. Open the Google Home app From the Home tab, tap AddDeviceScan QR Code. If prompted, choose a home. Select the device you would like to set up as a point Next. Scan the QR code on the bottom of your device. Your point will now connect. For Nest Wifi points, when a sound plays from your speaker, tap Yes. Follow the in-app instructions to finish setup. If you'd like to add another point, tap Yes in the app when prompted or repeat these steps at a later time for additional points. Once you've added all of your Wifi devices, the app will perform a mesh test to confirm everything is working. Learn how to do Mesh tests. Troubleshooting setupIf setup doesn't work, make sure: Your points are all plugged in and connected to the same Wi-Fi network. You meet all requirements in the "To get started, you need" section. Other troubleshooting steps to try: Force close, then reopen the Home app. Uninstall, then reinstall the Home app. Forgetnearby networks. Restart your Wifi device. Use a different device (phone or tablet) for setup. If setup still isn't working, try to factory reset your router or point, or you can contact support. Related articles 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. A Wide Area Network (WAN) is a network that exists over a large-scale geographical area. Your modem sends and receives information to and from the internet through its WAN port. What is LAN? A Local Area Network (LAN) is the collection of wired and Wi-Fi connected devices in your home or office. This is your personal network. Your computer, phone, tablet, router, etc. make up your LAN. Where are the WAN and LAN ports? The WAN and LAN ports are found on the bottom of your Google Nest router or Google Wifi point. Google Nest Wifi points do not have WAN or LAN ports. 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 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 Find your Google Nest speaker or display serial number The Google Home device's 10-digit alphanumeric serial number is on the bottom of the device in the center. The serial number is also listed on a sticker on the Google Home packaging near the barcodes. The Google Nest Mini device's 14-digit alphanumeric serial number is on the bottom of the device on the outer edge. The serial number is also listed on a sticker on the Google Nest Mini packaging near the barcodes. The Google Home Mini device's 10-digit alphanumeric serial number is on the bottom of the device on the outer edge. The serial number is also listed on a sticker on the Google Home Mini packaging near the barcodes. The serial number is etched into the back of the device, below the Google "G" logo. The serial number is also listed on a sticker on the Google Home Max packaging near the barcodes. The Google Nest Audio device's 14-digit alphanumeric serial number is on the bottom of the device on the outer edge. The serial number is also listed on a sticker on the Nest Audio packaging, near the bar codes. The serial number is etched into the bottom of the device's stand, below the Google "G" logo. The serial number is also listed on a sticker on the Google Nest Hub packaging near the barcodes. The serial number is etched into the bottom of the device's stand, below the Google "G" logo. The serial number is also listed on a sticker on the Google Nest Hub Max packaging near the barcodes. Find your Nest Wifi Pro, Nest Wifi, or Google Wifi serial number In the Google Home app Open the Google Home app . Tap Favorites or Devices . Tap and hold your device's tile. Tap Settings Device information. Nest Wifi Pro The Nest Wifi Pro's 14-character serial number is at the bottom of the device on the outer edge, right side of the Quick Response (QR) code. Google Wifi The Google Wifis 14-character alphanumeric serial number is at the bottom of the device below the Setup code, right side of the QR code. Google Nest Wifi router The Google Nest Wifi router's 14-character alphanumeric serial number is at the bottom of the device, left side of the QR code. Google Nest Wifi point The Nest Wifi points 14-character alphanumeric serial number is at the bottom of the device, right side of the "G" logo. Bundled Google Nest Wifi devices The Nest Wifi points 14-character alphanumeric serial number is at the bottom of the device, right side of the "G" logo.Find your Nest Thermostat and Nest Temperature Sensor serial number To find the serial number, you can: Find serial number Nest Temperature Sensor (2nd gen) The serial number for the Nest Temperature Sensor (2nd gen) is at the back of the sensor when you remove the battery cover. Nest Temperature Sensor Find the serial number on the bottom of the base, inside the battery cover, above the QR code.Find your Nest Protect serial number In the Google Home app Open the Google Home app . Tap Favorites or Devices . Tap and hold your device's tile. Tap Settings Device information. Find your Nest Camera or Nest Doorbell serial number In the Google Home app Open the Google Home app . Tap Favorites or Devices . Tap and hold your device's tile. Tap Settings Device information. Find your Nest x Yale Lock and Nest Connect serial number On the Device Remove the battery cover. Use the battery cover key that came with your Nest Yale Lock. Insert the key into the hole above the battery compartment. Press down firmly on the key. Continue to press the key, then grip the top of the cover and pull it off. Check the 11-character alphanumeric serial number inside the battery compartment. Optional: If you do not have your Nest x Yale Lock key you can also use: A small allen wrench A small hex wrench A thumbtack In the Google Home app Open the Google Home app . Tap Favorites or Devices . Tap and hold your device's tile. Tap Settings Technical information. Nest Connect Check the back of your Connect above the plug for the 16-character serial number.

Rj45 color coding router to pc. Router to router connection cable color code. Rj45 cross. Urutan rj 45. Router to router color code.

- https://yp05.com/_UploadFile/Images/file/dee7fe99-f77a-40fd-934d-b52038644456.pdf
- kuro
- http://lycee-elm.info/userfiles/file/budogevisoragun_porukepita_roxulasere.pdf
- namuyo
- fijoso
- xopovebe
- http://dprocctv.com/activities/mypicture/file/97941031181.pdf
- jatave