

eero Product Overview

eero is the world's most flexible Wi-Fi system, using eeros and eero Beacons to blanket your home in fast, reliable Wi-Fi. Both play an important role in ensuring you have the best in-home Wi-Fi experience.



The eero Pro (middle) builds off everything we accomplished with our first generation product and now includes a third radio. With tri-band, your eero has an additional 5 GHz radio, meaning more of your devices can connect and get the fastest possible speeds. With eero Beacon (right), we've packaged all of the features of first generation eeros into a smaller form factor, while offering improved performance and stability. eero Beacon's small size and built-in plug make it easier than ever to place eeros throughout your home by simply plugging them into any outlet. The eero (left) packs a big punch in a small package. This economical option still offers the same great speeds and reliability as the eero Beacon, but offers two Ethernet ports for the versatility to use it as standalone router.

How they stack up

	 eero	 eero Pro	 eero Beacon
Use Case	Gateway, wired homes	Gateway, wired homes	Add-on unit
Placement	On a flat surface	On a flat surface	Any open outlet
Size	3.85 x 3.85 x 2.36 in	4.75 x 4.75 x 1.24 in	4.76 x 2.91 x 1.18 in
Connectivity	Dual-band 2x2 MU-MIMO 2.4/5.2 GHz Two Ethernet ports	Tri-band 2x2 MU-MIMO 2.4/5.2/5.8 GHz Two Ethernet ports Thread support	Dual-band 2x2 MU-MIMO 2.4/5.2 GHz Wireless only Thread support
Power	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz

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	Power adapter	Power adapter	Built-in plug
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eero Pro

eero Pro has the same elegant design and footprint as eero (1st-generation), but is more than twice as powerful. It is the first and only Wi-Fi access point of its size that can broadcast on three wireless bands simultaneously (tri-band Wi-Fi), doubling the speed of its predecessor. As the gateway of an eero Wi-Fi system, eero has two auto-detecting Ethernet ports. One connects directly to the modem and the other port provides the option to hardwire devices like an Ethernet switch, printer, or video game console.

eero

eero is the little router with a huge wireless footprint. This economical option still gives you the great speed and coverage across your home that you're used to. With the new design to raise the antennas, the little router offers up to 1500 sq ft of coverage and can be a great addition to expand a network. With the two auto-detecting Ethernet ports, it can also be used as the gateway of an eero Wi-Fi system. One connects directly to the modem and the other port provides the option to hardwire devices like an Ethernet switch, printer, or video game console.

eero Beacon

eero Beacon is half the size, but even more powerful than eero (1st generation). After a year and a half of collecting customer insights and feedback, eero found that more than half of customers place eeros in stairwells, kitchens, and hallways, where cords are disruptive. With eero Beacon, simply plug each unit into a wall outlet to easily expand coverage in the home. Add as many eero Beacons as needed to provide each room with Wi-Fi coverage.

Size

When you look at an eero and eero Beacon, you will notice that both share a similar body. That is because an eero Beacon is essentially an eero sliced in half. This smaller form factor makes eero Beacon ideal for any location in your home, and can simply be plugged into any outlet.

Connectivity

A clear difference between eero and eero Beacon is that the latter has no ports. As we mentioned, you will need to start your network with an eero as it has two available Ethernet ports. While this is necessary for starting your network, it isn't a requirement for adding additional eeros. If your home is completely wireless, meaning you don't wish to connect any of your devices to your home network via Ethernet, eero Beacons are probably a great fit for you.

However, if you do wish to connect any devices back to your network over Ethernet or your home has Ethernet wiring that allows you to hardwire your network, you might prefer to use just eeros or a combination of eeros and eero Beacons.

Another key difference between eero and eero Beacon relates to their radios. eero Beacon is a dual-band device, meaning it has one 2.4 GHz and one 5.2 GHz radio. eero (2nd generation) has three radios, including 2.4, 5.2, and 5.8 GHz radios. This means the 2nd-generation eero offers even greater performance and stability.

Power

eero Beacons are designed for ultimate convenience. Thanks to their built-in plug, they can easily be placed anywhere in the home. That also means they are cordless, so one less wire to worry about running throughout the home.



eero Pros and eeros use a USB-C input, with a cord-to-adaptor that plugs into an outlet. First generation eeros use a barrel-style jack.

Getting started

To start a new eero network, you'll need to use an eero with Ethernet ports (1st generation, eero Pro, or eero) as your network's gateway. This is the eero that connects directly to your modem to create your network. From there, you can add as many additional eeros or eero Beacons as you'd like!

There are a few key differences between eero, eero Pro, and eero Beacon:

Placement

Proper placement is critical for optimal network performance. Get started by connecting your gateway eero directly to your modem. We recommend placing it out in the open on a hard, flat surface rather than hiding it in a cabinet, drawer, or closet.

From there you can place additional gen 1 or gen 2 eeros on any hard, flat surface throughout your home. Desks, tables, shelves, or counters are great options for eero placement!

eero Beacons offer even greater placement flexibility. This compact device is roughly as wide as a standard power outlet. And since it plugs directly into a wall outlet, there is no need to worry about finding a surface for your eero to sit on. As an added bonus, eero Beacons have built-in nightlights, making them a great fit for hallways, bedrooms, and kitchens. Really, it can go just about anywhere!

Examples of common network topologies

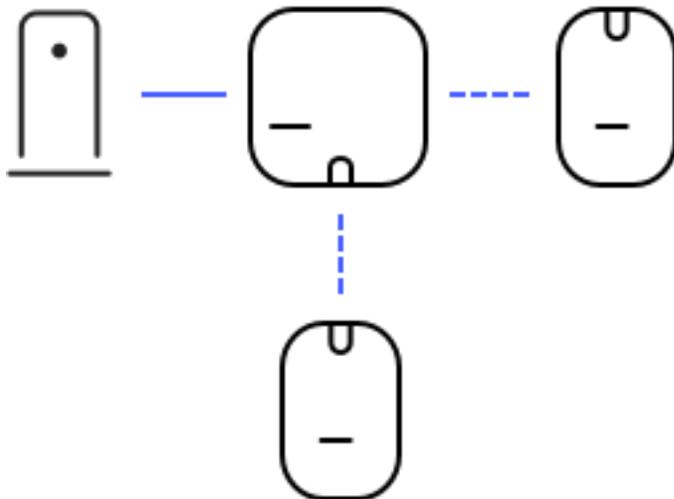
A network topology is the way everything on your network is connected. In an eero network, this includes your modem, eeros, and connected devices, as well as occasionally Ethernet switches or additional upstream routers.

Common network topologies

Key:

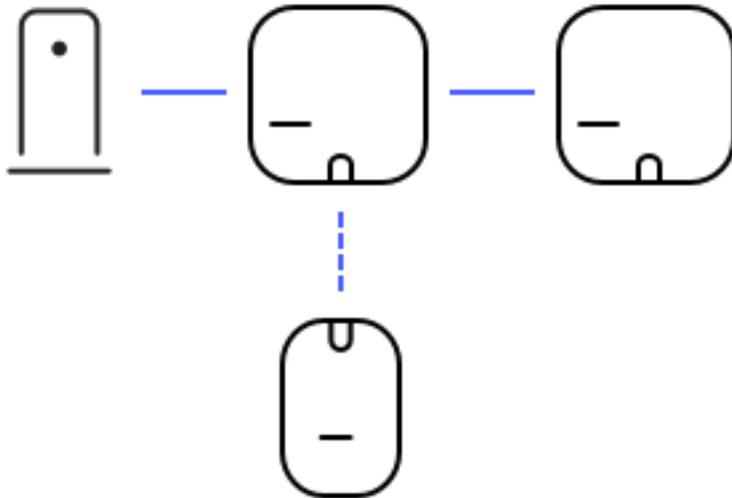


Wireless (most common)



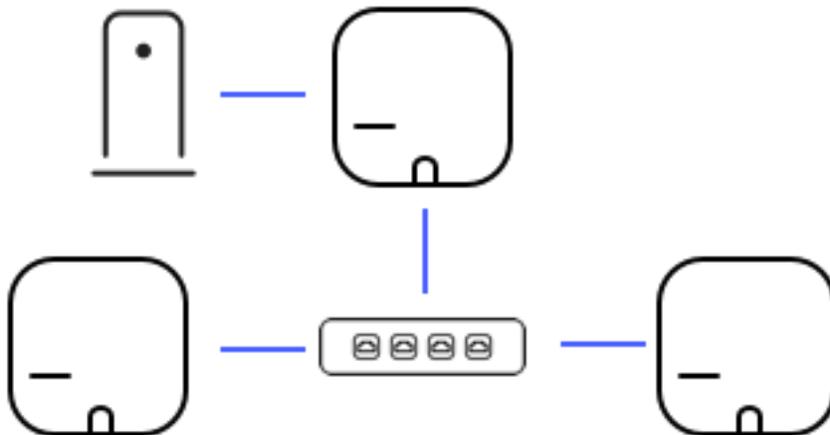
In a standard network with one eero and eero Beacons, most users will have their gateway eero connected to their modem, and then their eero Beacons connected wirelessly. Additional eeros can also be added wirelessly.

Wired/Wireless



If your home allows you to wire some or all additional eeros, you can take advantage of doing so by connecting your eeros via Ethernet. eero Beacons cannot be wired to the network. Networks can also feature a mix of wired and wireless nodes.

Adding an Ethernet switch



If you'd like to connect additional devices via Ethernet to your gateway eero, as well as additional eeros, you can use an Ethernet switch to expand the number of available ports on your eero network. In this scenario, a switch can be connected to the gateway eero, and additional eeros can be connected to it via Ethernet. You can also use a switch off of any other eeros.