

Outdoor WiFi Self-Install Instructions

The Customer will need a GFCI outlet on the outside wall close enough to place the Outdoor WiFi Router 6ft-15ft above the ground. The router will need to be mounted on the wall within 50ft of the Primary eero Router located inside the home or office. Here are the steps to follow.

Before Getting Started

You will need some additional tools and equipment in order to install the eero Outdoor 7. The specific tools needed may vary depending on the building material you are working with; however, all installations require an Android or iPhone with eero App version 6.49 or higher installed.

In addition to an Android or iPhone, installation will require the following tools:



Phillips screwdriver



Pencil or marker



Ladder or step stool



Power drill & drill bit*

(1/4 with anchor or 9/64 in. without anchor)

*Note: Power drill is not required for vinyl siding installation

Included Accessories

Review the accessories included with the eero Outdoor 7 in the chart below. Certain accessories are designed for mounting on specific surfaces, and all accessories will not necessarily be used during installation.

Accessory	Details	Building Material Use Case
	Two Leveling Screws	• Wood or Fiber Cement • Vinyl Siding
	Two stainless steel screws, #8 (15 × 30 mm)	• Wood or Fiber Cement • Stucco
	Two vinyl siding clips with screws	• Vinyl Siding
	Two drywall anchors (30 mm)	• Stucco

continued

Examining the Outdoor Hardware



All of the major I/O (input/output) ports and functions for the eero Outdoor 7 are located on the underside of the unit. The names and primary functions of each I/O port on the eero Outdoor 7 are listed below, in order from left to right:

- 1. Watertight Vent:** Allows the eero to vent excess heat without exposing the unit to dust, dirt, water, or other contaminants.
- 2. Grounding Port:** Allows a #8 stranded copper conductor to be attached to the unit, mitigating the effects of a lightning-induced power surge.
- 3. 2.5 GbE PoE+ port:** Provides connection to the network and power in wired configuration, and just power in wireless configuration.
- 4. Reset Button:** Enables manual soft and hard reset of eero hardware as needed for troubleshooting.
- 5. Status LED:** Provides up-to-date information on the current status of the eero unit.

Beginning App Setup

You can begin the eero Outdoor 7 setup process by tapping on the blue **+** button at the top right corner of the screen in the eero App. In the menu that pops up, select **eero > add outdoor eero** to begin.

As you are setting up your eero wirelessly, use your phone to validate a good WiFi signal in the area you're looking to install the eero Outdoor 7 before drilling any holes or mounting. Exterior walls (concrete, brick, stucco, etc.) weaken the wireless signal strength going to an outdoor eero device. Make sure to account for this when deciding where to mount it.

If the eero fails to connect during coverage testing, try relocating indoors to validate that the unit works. Once you have verified this, you can continue to check for a valid location.

Optimal Placement

The optimal installation height for the eero Outdoor 7 is 6 to 15 feet above the ground. This ensures proper clearance for the WiFi signal to reach the furthest range.



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When mounting this device in elevated locations, be sure to take precautions to ensure that the device does not fall and harm bystanders or damage property. You may also wish to mount the device in a location that will not be overly difficult to reach in the future, should you need to clean or maintain the unit*.

Ensure that there is at least one foot of space both above and below the mounting bracket for the eero Outdoor 7 in your desired location. Make sure that the eero is not near any obstructions, such as large trees, grills, satellite dishes, etc.



The device must be installed with ports facing downward for it to function properly and to prevent water accumulation and ingress. This is required for proper installation—failure to do so will void the unit's warranty.

***Note:** Being in the elements, an outdoor eero device can accumulate dirt and debris. A simple wipe down with a damp cloth should be enough to clean it. *Avoid cleaning chemicals or spraying the unit with a water hose directly.*

Mounting to Vinyl Siding

- 1 Insert the vinyl siding clips at a joint between the siding panels where you want to place the mounting bracket.



- 2 Secure the bracket to the clips with the included screws. The combination of the clips and the mounting bracket will pinch down on the siding material.



- 3 Tighten the clip screws to maximize retention force, keeping the bracket in place. Make sure the eero logo on the mounting bracket is right side up.



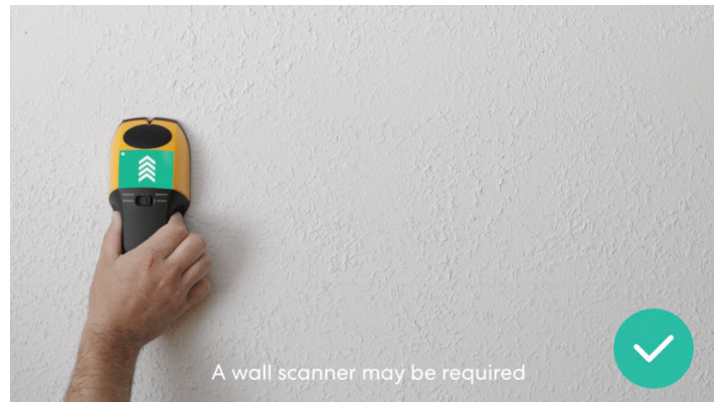
- 4 Use the leveling screws to bring the back of the mounting bracket vertical. Hand-tighten at least ½ turn beyond the point where the bracket is approximately level.



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Mounting on Stucco, Fiber Cement, or Wood

Attaching the Bracket



Prior to attaching the mounting bracket to your chosen location, be sure to check for hidden wires or pipes.

Make sure to avoid damage to these when drilling holes to install the mounting bracket. If the surface is uneven, you can use the leveling screws to adjust the angle of the eero.



Use the mounting bracket to mark where the screws will be placed, and a level to align the unit (interior holes are spaced approximately 3 1/4" apart). The eero logo on the mounting bracket should be right side up.

Stucco

- 1 Drill pilot holes. Pilot holes should be 1/4 in. size for the provided anchors and screws.
- 2 Insert drywall anchors.
- 3 Use the screws to attach the mounting bracket to the anchors.



Wood or Fiber Cement

- 1 Drill pilot holes.
- 2 Use the screws to attach the mounting bracket to the wall.
- 3 If the panel has a downward slope, you can slightly back off the retaining screws and use the thumb screws to adjust the angle. The eero will still function properly otherwise.



If you have any issues please call the **Surf support team at 1-888-274-6381**.
Thank you for being a valued Surf customer!