



# The ultimate in home Wi-Fi performance



The way we use Wi-Fi is evolving rapidly. With more users, more devices, and more bandwidth-intensive applications, your home Wi-Fi needs to be better than ever before: fast, reliable and accessible from anywhere.

The problem is, standard Wi-Fi sometimes falls short. Connectivity and performance don't always extend to every corner of your home. In fact, research shows that more than half of broadband households experience problems with Wi-Fi.

With the Calix Mesh-enhanced Carrier class Wi-Fi solution, you get the best possible online experience on every device, no matter where you go in your home.

## Get true whole-home Wi-Fi with Calix 804Mesh

The Calix 804Mesh satellite unit is a small wireless device that works with the Calix GigaCenter residential service delivery platform to cover your entire home in a seamless "mesh" of Wi-Fi. It gives you amazing speed and coverage and makes those hard-to-reach spots a thing of the past.

Up to four 804Mesh satellites can be connected to your GigaCenter to provide maximum coverage. Small and easy to set up, the satellites are faster and more reliable than Wi-Fi extenders. And, unlike extenders, they don't require you to sign on to a separate Wi-Fi network every time you want to use them. With the 804Mesh satellite, you get the same great quality and speed wherever you go, and you don't need to do a thing.



## Why Calix 804Mesh?

When combined with the Calix GigaCenter, the 804Mesh satellite meets all your Wi-Fi needs for speed, coverage and more, featuring:

- a single, seamless network for all your Wi-Fi devices;
- the same great Wi-Fi quality everywhere you roam in your home;
- the fastest band for whatever device you're using.

What's more, it's easy to install and costs just pennies a day.

## Cutting-edge Mesh Wi-Fi technology

The Calix 804Mesh satellites and GigaCenter use the most sophisticated Mesh Wi-Fi technology available to transform your Wi-Fi experience.

### DUAL-BAND SUPPORT

Dual-band support means that the 804Mesh has two Wi-Fi radios; high bandwidth applications (like video) are routed to the 5 GHz band, while lower bandwidth activities use the 2.4 GHz band.

### BAND AND NODE STEERING

The Calix GigaCenter continually assesses the network and "steers" your traffic to the either the 804Mesh satellite or the GigaCenter, using whichever device or radio/band will give you the best performance.

### BEBAMFORMING TECHNOLOGY

Beamforming technology improves performance and reduces interference by focusing the wireless signal directly to your device.

## We've got you covered with remote management

The Calix GigaCenter and the 804Mesh satellites provide a Wi-Fi experience that's second to none. But if you do have any technical issues, we've got you covered with sophisticated remote monitoring and diagnostics that help us quickly identify and resolve any problems you may be experiencing—and, in most cases, without having to send a technician to your home.

Our experienced customer support representatives can see which of your devices are connected, which ones are having issues and help you troubleshoot and solve the problem quickly. In fact, we can perform a wide range of diagnostics to make sure you're getting the best possible service. We can even tell you if you need to add an 804Mesh satellite to your network and where to put it to get the best performance.

- **Uptime of your GigaCenter** - Is your gateway functioning correctly or powered on consistently?
- **Interference on Wi-Fi channels** - Make sure other devices aren't interfering with your Wi-Fi signal.
- **Internet errors** - If your GigaCenter or your Internet connection is not strong or is malfunctioning, we can monitor recent and current errors.
- **Ethernet ports being used** - How many devices are plugged in directly to your GigaCenter? Are the Ethernet ports functioning correctly?
- **Connected devices** - We can make sure your devices are connected to the Internet and receiving a strong Wi-Fi signal.
- **Password and setting changes** - If you need assistance, we can help you by changing your Wi-Fi password or wireless settings from our office.

## What are you waiting for?

Life's too short for bad Wi-Fi. So what are you waiting for?



Contact us today to learn more about the Calix 804Mesh satellites and how they can help you get the Wi-Fi experience you deserve.