

The Next Internet

Site Host Information

Ayva Networks is an initiative to provide next-generation internet access throughout mountain communities of Boulder, Colorado.

We're 100% local, independent, and run by technical enthusiasts and engineers living in our community.

We've built a brand new network and we're ready to open up access to the community and expand our reach. **We need your help - we're looking for residents that would like to become a new distribution site to bring service to your area.**

Know a friend or a neighbor with a good view that would be interested in being a host? Feel free to share our information with them!

About Us

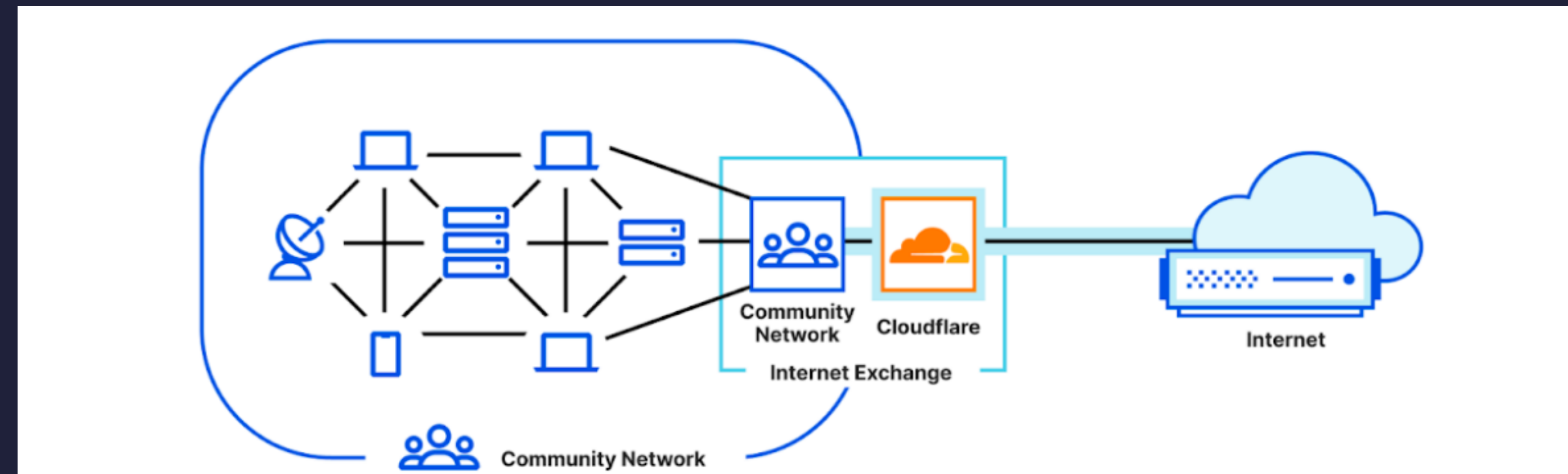
Ayva is primarily funded through philanthropic contributions, allowing us to build a network without cutting corners. We pledge to act as an ethics-first, not-for-profit organization.

We primarily work in research and development, and we're in a position to share some of our resources with our neighbors & local community.

We currently offer speeds up to 2.5gbps (2500mbps) to home offices, businesses, and residents within our coverage area, along with fully managed solutions and security services for those who want hands-off technology that just works.

Service is already available in limited areas west of Boulder, and we're actively expanding coverage starting in 2023.

Ayva is also a member of Cloudflare's Project Pangea initiative. This grants us access to ultra-fast internet paths that are usually reserved for large enterprise organizations, in addition to providing best-in-class reliability and edge security services.



One of several possible deployment models Pangea participants can use to get connected

Pangea participant highlight: Ayva Networks

Ayva Networks is a not-for-profit Wireless Internet Service Provider that provides backbone and Internet services to approximately 400 households in the rural mountain areas west of Boulder, Colorado. In 2023, they will grow their network to provide more gigabit network access. Nick Wilson from Ayva Networks explains that *"reliable Internet in our community isn't a privilege, it's an essential utility, and often provides the only means of communication for many homes in our region as cellular service is generally rare."*

After connecting through Magic Transit, Nick shared *"speeds are noticeably better on Magic Transit, especially for those who work with cloud resources"* and that *"our firewalls deal with a lot less background noise"* due to all the attack traffic mitigated by Cloudflare.

Colorado's environment can be pretty extreme, and present many challenges to running a Wireless Internet Service Provider. Ayva Networks responds to 100+ mph wind, massive hail, blizzards, flooding, insects, lightning, and fire. By using Magic Transit, Ayva Networks is better able *"to engineer traffic flows much more granularly than we otherwise are able to with BGP alone, and has become an essential tool for us in mitigating and responding to outages."*



Host Service

We've identified your home as a possible distribution point for Ayva's next-generation wireless internet service.

Our Hosts are **never** expected to pay for service or equipment.

What you'll get

Up to 2.5gbps/2.5gbps speeds & priority bandwidth/support
(this is faster internet than you can get almost anywhere in the world)

What we'll need

Under most circumstances, we'll need space to put up a few small radio mounts (usually 3-5' tall) somewhere on your property or home along with a small wall-mounted box inside for power. Our equipment typically uses about as much power as a 60 watt light bulb.

Every site is different, and some locations may require more substantial infrastructure.



Questions? Let's Talk

When we say we're local, we mean it.

My name is Nick Wilson, I live just below Sugarloaf Mountain - you can reach me directly on my cell at 720-278-8002. We've also hired local for this project, and our engineers working on this project live nearby.

Website

<https://ayvanetworks.com>

Contact

nick@ayva.network / 720-807-4201 (Office)
brian@ayva.network / 720-807-4230 (Office)

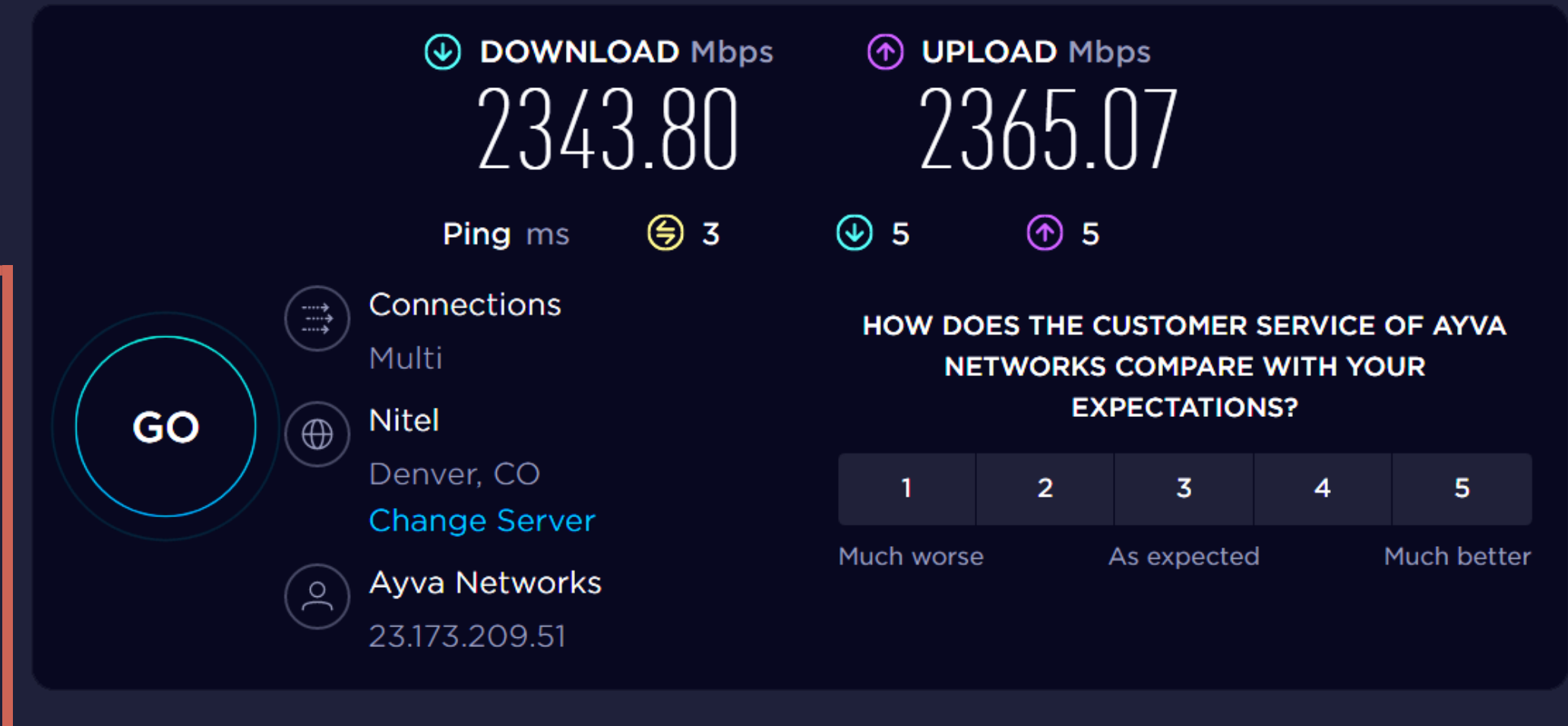


Our Network

We've already done the legwork.

Over the last several years, we acquired all of the resources necessary to build out a completely new network with the latest and best hardware available. We've made no compromises, and we have the technical assets and expertise in place to deliver faster and more reliable service than all major wired & wireless service providers.

Interested in our technical infrastructure? Grab a drink sometime with our engineers and we'll dive into it.



Community Support

We're focused on doing good things and we're committed to bringing affordable service to our community.

During the network expansion, we're allowing all members to subscribe under a "pay **anything**" model for a year.
(Homemade cookies are a highly-valued currency)

After that we'll offer plans starting at \$35/month for income-limited households, and \$65/month for general access.

We believe internet access is an essential utility, so we'll do our best to keep pricing at or below our costs.

Have other technological needs? Ayva's primary business is in ethical IT reform, Information Security, and solving all kinds of hard technological problems. Feel free to reach out to us if you know of a company that could use our services.



Boulder Creek Cleanup organized by Protect Our Rivers With Elevations, Ayva, and Community Volunteers (9/22/22)



We wish you all an amazing year, and on behalf of Ayva, Thank You

- Nick Wilson, CEO
(720) 278-8002 nick@ayva.network