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BeanOW72



I current have 1 gig cable service. Using Google wifi. I have the main router plus 4 access points.

Testing speeds at the router itself, I get about 850mbps. No device on wifi gets more than about 150mbps - even with most devices powered off. I've been very unimpressed with their mesh system. Nodes drop offline, and speed is horrible on other rooms - usually 25-50mbps. Maybe I just got a bad system, but my regular old non-mesh router is faster - coverage just isn't sufficient.

I'm changing providers and going to a 2gig service. I know I won't see 2 gigs on my wifi devices. I don't have unrealistic expectations. This 2gig service is cheaper than I'm paying for the 1gig service with my current provider.

Can someone recommend one of the best mesh systems?

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6



40



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pelzer85 • 1y ago •

Take a look at the Synology routers. They're a little less talked about but I've had good results with my two node system before moving to a UniFi system.



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great parental controls in the form of "Safe Access", where you create profiles for each member of the family and assign devices to them. You can have multiple filters assigned to different people and switch between filters based on a schedule.

If you need WIFI 6 (ax) speeds throughout the house, I'd recommend using the RT6600AX as the main router and using WRX560 as APs.

If WIFI 5 (ac) sufficient I would go for the RT2600ac as the main router and MR2200ac as APs.

As other have mentioned, hardwiring your APs will give you the best results.

↑ 4 ↓ ...



Rear-gunner • 1y ago •

The Netgear Orbi would be a good option for you, as it should fit within your budget and provides excellent performance.

But the issue may not be the Google WiFi mesh system itself. Nearby WiFi networks, Bluetooth devices, or other wireless gadgets could cause interference that slows things down; having too many devices connected simultaneously can clog up the available WiFi bandwidth, and the Google WiFi units themselves might be faulty. Try resetting them to default settings doing a fresh setup updating the firmware and lastly moving the router and nodes as they may be in a bad position

⊖ ↑ 2 ↓ ...



wesellfrenchfries • 1y ago •

Respectfully, recommending a basically-identical mesh wifi system or suggesting units are faulty are probably gonna give OP false hope. Mesh is just ass, no two ways about it, as you say in the second half of your comment.

↑ 2 ↓ ...

⊕ 5 more replies



Lovevas • 1y ago •

I have similar size home as yours and also 2-stories. I bought 2-pack Asus ZenWifi Pro ET12, and have them wired backhaul. So far no complaints, works pretty smooth and I like having it simple. Asus app is also great, and comes with a free VPN app (Instant Guard) to leverage the router. The only thing is that, ET12 does not have Asus Merlin support yet (XT12 does have), but not a big deal and I can wait. Have been using Asus + Merlin for years (last one is AX88U), and always like how it's being reliable.

↑ 2 ↓ ...



petervk • 1y ago •

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based.

⊖ ↑ 2 ↓ ...



wesellfrenchfries • 1y ago •

Yup. +1 to Omada (and Unifi though I like them less) and wired backhaul. There is absolutely zero bullshit in my Omada setup with two ceiling APs

↑ 2 ↓ ...



divakerAM • 1y ago •

Consider the [TP-Link Deco X20 Ax1800](#) mesh system. Excellent coverage, reliable performance, and good speeds.

↑ 2 ↓ ...



wesellfrenchfries • 1y ago •

Wired backhaul - "running cable to the rooms" - is really your best hope. Do you have coax in the house? MoCA is annoying compared to real ethernet but hell of a lot better than wireless backhaul.

Can you access the attic and crawlspace easily? Do you have a datacloset where your coax (or phone) comes into?

Don't upgrade your internet service until you sort all this shit out.

Please explain your house and topo more

⊖ ↑ 1 ↓ ...



BeanOW72 [OP](#) • 1y ago • Edited 1y ago •

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We plan on living here for a long time so I'm not worried about making permanent modifications.

What devices would you recommend using if I were to run cable to 2 or 3 rooms for access points? I don't mind spending \$500-800 if there's something significantly better at that price as opposed to the "under 500" I originally mentioned.

I'm familiar with terminating Cat 5 cable (although I assume I need Cat 6), so creating and running the cables isn't really an issue.

I'm a "tech" person - I'm just out of the loop on the latest wifi stuff!

While I'm running cables - bonus points if the access points allow wired devices for gaming consoles (kids). That would also free up a lot of wifi bandwidth because those same consoles are used for streaming TV.

↑ 2 ↓ ...

⊕ 25 more replies

r/HomeNetworking

I analyzed the 20 most recommended mesh wifi systems on Reddit

479 upvotes · 208 comments



r/HomeNetworking

Rate my "structured media enclosure"

238 upvotes · 64 comments



r/HomeNetworking

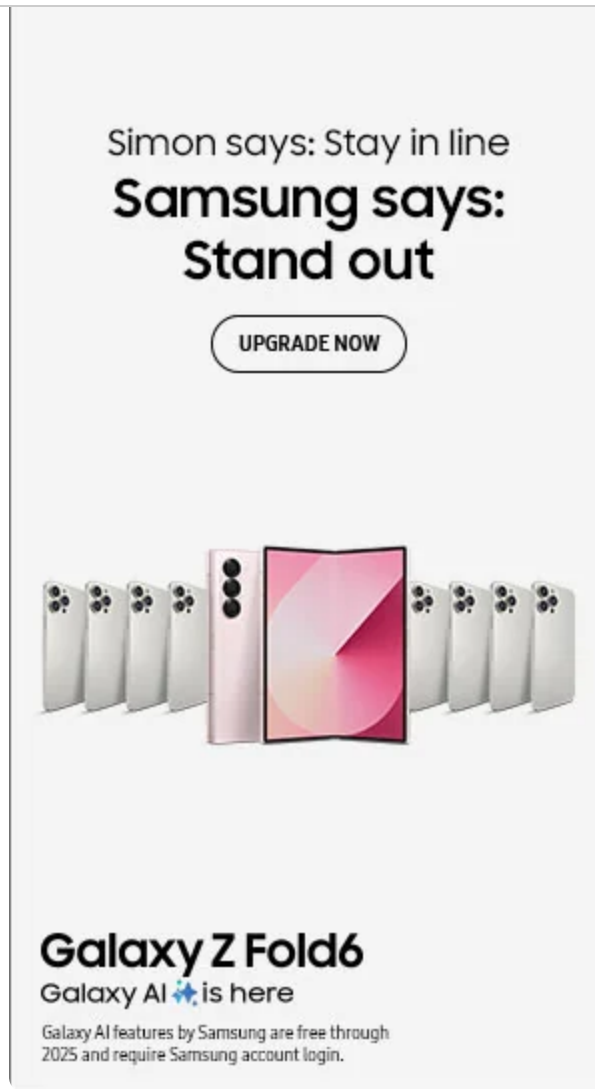
ATT tech just threw away a whole roll of fiber

1.9K upvotes · 372 comments



PROMOTED



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r/HomeNetworking

Hired a company to run ethernet



2.5K upvotes · 581 comments



r/homelab

XDA-Developers says you shouldn't build a home lab.

217 upvotes · 239 comments



r/HomeNetworking

Losing around 200mbps over my network, can anyone help me figure out why? (Details in comment)



434 upvotes · 65 comments

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608 upvotes · 63 comments



r/HomeNetworking

Is this a decent cheap travel router for hotels? (Any other recommendations under \$100 if not)

115 upvotes · 84 comments



PROMOTED

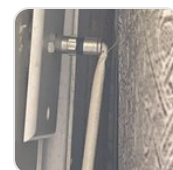
...



r/HomeNetworking

Unstable connection

230 upvotes · 79 comments



r/HomeNetworking

Can somebody explain to my friend on why wifi is safe?

216 upvotes · 536 comments



r/HomeNetworking

How seriously really do I need to take the threat of insecure compromised IOT devices on my home network?

122 upvotes · 144 comments

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162 upvotes · 64 comments

r/HomeNetworking

Smoothest way to improve WiFi coverage at home



100 upvotes · 68 comments

r/HomeNetworking

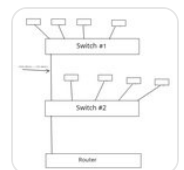
Are tool free RJ45 connectors just as good as regular ones?



188 upvotes · 160 comments

r/HomeNetworking

Connection between two switches changes from 1000 MBit/s to 100 Mbit/s after a while



126 upvotes · 69 comments

r/HomeNetworking

just came here to post this... RIP tteck 🙏👉❤️ would not have my homelab without you



4.6K upvotes · 61 comments

r/Ubiquiti

Why is Ubiquiti community so strong?

89 upvotes · 141 comments

r/HomeNetworking

Static IP needed for working from home

166 upvotes · 503 comments

r/HomeNetworking

I know you guys appreciate properly terminated rj 45s...



168 upvotes · 33 comments

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I was outside the 14-day window and will no longer accept a return

151 upvotes · 63 comments

 r/HomeNetworking

The plane I'm on (United 777) had ethernet jacks. Could I bring some laptops up and have a LAN party?

4.5K upvotes · 458 comments



 r/homelab

So I just updated my cluster...

202 upvotes · 15 comments

 r/homelab

My Network admin making sure Unifi switch updates go smoothly

127 upvotes · 13 comments

 r/HomeNetworking

Can someone please tell me what kind of CAT6 is this exactly? STP? FTP? No idea what the two small uncolored wires are for or why the wires are wrapped in plastic. Also what type ...

172 upvotes · 119 comments



 r/HomeNetworking

Wow, they even upgraded my 1gb modem!

873 upvotes · 103 comments



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