

[Skip to main content](#)

r/HomeNetworking



Search in r/HomeNetworking

[Log In](#)

r/HomeNetworking • 7 mo. ago

lifereinspired



WiFi Spatial Streams - how much do they matter?

[Advice](#)

Hi,

I'm trying to better understand WiFi spatial streams, particularly in the newer WiFi specs (6/6e/7). I can't quite figure whether it's primarily marketing or if having more spatial streams equates to actual better connections and device speeds - or if there's some truth to both. I've read numerous articles but with varying perspectives, I still don't know what to think.

My current router/gateway/AP is an AmpliFi Alien (by Ubiquiti) but the single unit setup - not the mesh. It's rated at WiFi 6, 16 spatial streams, and 3K sq ft of coverage. But we don't reliably get 100% WiFi coverage in our 1K sq ft apartment because we are limited in placement since the all-in-one router/switch/WiFi AP design necessitates us keeping the unit close to where the internet enters the apartment (at the far outside wall). So it can't be very centrally located.

[Read more](#) ▾

Archived post. New comments cannot be posted and votes cannot be cast.



1



2



Share



upwork • Promoted



Get help matching with trusted freelancers on Upwork who have the skills needed to tackle your top projects.

[Sign Up](#)[upwork.com](#)

When I'm already doing two jobs and my boss adds a third



upwork

Sort by: **Best** ▾

Search Comments



2squishmaster • 7mo ago

It's just about bandwidth. The more spacial streams it has, the more antennas it has, the more data it can send and receive simultaneously. Personally I don't think i could ever saturate close to 6 let alone 8. But it doesn't improve your range, just bandwidth to/from the router.

[Skip to main content](#)

r/

[Log In](#)

It depends, multiples antennas allow often beamforming that does concentrate radiation in a given direction.

But it will not double the distance that's for sure.

↑ 2 ↓ ...



r/wifi • 8 mo. ago

Do WiFi Extender/Boosters work, and are they worth it ?

8 upvotes · 9 comments



r/Gatineau • 7 mo. ago

Wifi is slow af - advice?

16 comments



r/audiophile • 7 mo. ago

Why can't WiFi audio receivers receive audio via WiFi?

47 comments



r/wifi • 7 mo. ago

Which Wifi 7 mesh systems are you upgrading to?

6 upvotes · 13 comments



r/HomeNetworking • 28 days ago

Ethernet Stress Test (Cable Torture)

586 upvotes · 76 comments



r/HomeNetworking • 14 days ago

Last update: I'm not getting gigabit but my husband is

316 upvotes · 21 comments



r/HomeNetworking • 8 mo. ago

Are wi-fi extenders worth it?

21 comments

[Skip to main content](#)[Log In](#)

2

102 upvotes · 36 comments



r/HomeNetworking · 27 days ago

If I name my wifi access points the same, will my phone auto connect to the strongest?

141 upvotes · 143 comments



r/HomeNetworking · 23 days ago

New home Ethernet wired in rooms?

145 upvotes · 87 comments



r/HomeNetworking · 22 days ago

Chase a network problem. Took me forever to figure it out

316 upvotes · 115 comments



r/HomeNetworking · 6 days ago

Gigabit Over Thermostat Wiring lol

1.2K upvotes · 113 comments



r/HomeNetworking · 11 days ago

Any of you been CGNAT'd by your ISP?

144 upvotes · 158 comments



r/HomeNetworking · 28 days ago

Is my basic understanding of switches & routers correct? [diagrams]

241 upvotes · 75 comments



r/blinkcameras · 7 mo. ago

Question about multiple sync modules / wifi networks

3 upvotes · 8 comments

[Skip to main content](#)[Log In](#)

136 upvotes · 41 comments



 r/HomeNetworking • 5 days ago

Can I run an Ethernet cable through this vent to the next floor?



263 upvotes · 118 comments

 r/HomeNetworking • 15 days ago

TP-Link potential U.S. ban discussion

225 upvotes · 270 comments

 r/HomeNetworking • 7 mo. ago

How does Nest/mesh wifi work?

1 upvote · 1 comment

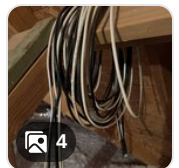
 r/HomeNetworking • 7 mo. ago

Renovation - how many points (and how much cable) do I need?

1 upvote · 11 comments

 r/HomeNetworking • 22 days ago

Ethernet through the attic or use this coax?



182 upvotes · 92 comments

 r/HomeNetworking • 6 days ago

Was planning on hiring someone to run ethernet through my walls. Was asked to send a photo of the network panel and the inside of a wall plate. Found string on both ends... cou...



698 upvotes · 226 comments

 r/HomeNetworking • 15 days ago

2 Cat6 Ethernet ports in all rooms, 1 works other does not



97 upvotes · 41 comments



Log In

5.1K upvotes · 279 comments



r/HomeNetworking • 25 days ago

New house (UK)...trying to understand what's what

223 upvotes · 94 comments

