

Article Overview

Lag when using a Huijue PoE switch is often caused by improper connection, insufficient power delivery, or network configuration issues.

Proper Connection Method

To ensure stable performance, connect the PoE switch to the router using a single Ethernet cable from a LAN port on the router to a regular data port on the PoE switch (not the Uplink port unless cascading multiple switches) . For larger networks, cascade additional PoE switches by connecting one switch's Uplink or regular port to another switch's Uplink or regular port, but avoid too many layers to prevent performance degradation .

Common Causes of Lag

- o Insufficient PoE Power: Devices like access points or cameras may experience intermittent lag if the switch cannot supply enough power. Verify the PoE budget and ensure each port meets the device's power requirements .
- o Cable Quality and Length: Use Cat5e or higher cables, ideally Cat6 for longer runs, and keep cable lengths under 100 meters to prevent signal loss .
- o Network Congestion and Configuration: Lag spikes can occur due to high traffic, improper VLAN setup, or misconfigured QoS. Wireless devices connected to APs powered by the PoE switch are more susceptible to packet loss and high ping .
- o Router Settings: Ensure the router's NAT, firewall, and DHCP settings are correctly configured. Enabling QoS to prioritize gaming or latency-sensitive traffic can reduce lag .

Troubleshooting Steps

- o Ping Test: Use Command Prompt or Terminal to ping your router or game server. Consistent high ping or packet loss indicates network issues .
- o Speed Test: Check upload/download speeds to confirm the ISP connection is stable .
- o Switch and Device Restart: Power cycle the PoE switch and router sequentially to reset connections .
- o Firmware Updates: Ensure both the router and PoE switch firmware are up to date to fix known bugs or performance issues .
- o Wired Connection: Whenever possible, connect latency-sensitive devices directly via Ethernet to the PoE switch to bypass wireless interference .

Additional Tips

- o Avoid excessive cascading of PoE switches to reduce latency.

Huijue PoE switch connection to router lag

- o Test different MTU sizes (commonly 1472 bytes) to prevent packet fragmentation .
 - o Monitor network performance using tools that track jitter, packet loss, and throughput to identify bottlenecks .
- By following these connection guidelines and troubleshooting steps, you can minimize lag spikes and ensure a more stable network when using a Huijue PoE switch with your router.

Switching to predictive DOSE NOT prove your connection is fine, what it dose is mask the problem by changing

Don't worry, in this video we show you how to solve lag problems and improve your

When you close Power Options window and switch back to PoE it should activate the power plan with disabled C-States again. You

The correct connection between PoE switches and routers is a key step in building a stable and efficient network.

Unplayable lag spikes and PoE client throttling local network path to router. To preface this, it should be noted that

Power over Ethernet (PoE) is a convenient technology that enables network cables to carry electrical power,

I never played PoE very active since I always had lag spikes. I wanted to give the game another chance but my old nemesis

Common PoE faults include PoE switch not providing power, a PD powering off or reloading, and some PD powering

I'm losing my mind chasing this issue. First off the hardware: This is connected to and Altice One Router/Wifi/Gateway.

Troubleshooting spikes in latency.

I know it's well known, but I never knew of this until I looked into the packet loss/lag i was getting in POE. I am sure others can

4) Long-Range PoE Switch For longer-distance deployments, you can also implement a long-range PoE switch to

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Bad speeds with Edgerouter PoE 5 As the topic. I've got a 10 Gbit/s connection, and a switch with 2x 10 Gbit/s ports that im using.

Path of Exile is a free online-only action RPG under development by Grinding Gear Games in New Zealand.

How to Install Multiple PoE Switches? There are several connection options available when installing multiple PoE

In case you are lucky and dont have those issues, a lot of people are getting nonstop lag spikes every evening since 3.20 dropped -

Web: <https://www.kremgroup.co.za>

