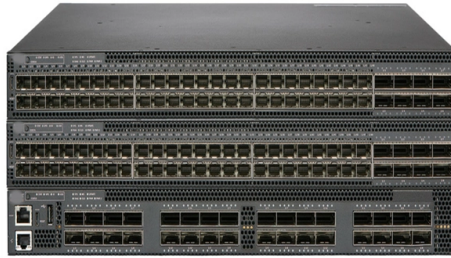


# 100Mbps switch cannot connect to 1Gigabit switch



## Overview

Make sure the computer you're connecting actually supports 1 Gbps Ethernet. Try to swap cables with another switch port. Understanding these is the first step toward resolving the issue: Gigabit Ethernet requires all 8 wires inside the cable to be intact and properly connected, whereas 100 Mbps only uses 4 wires. If the port is at fault, you'll get only 100 Mbps on it no matter what the cable length is and what's connected on the other end. The easiest way to do this in Windows is to right-click your network icon in your system tray and click either Network and Internet Settings, then click Network and Sharing Center, then click change adapter. Hey guys, I bought a Gigabit LS105G TP-Link switch for my home network, but after connecting my PC to it, my ISP Router says it's 100Mbit/s, even though the switch, and both cables used (ISP Router to Switch / Switch to PC) are 1000Mbit/s.



## Article Content

Mar 13, 2026

Generally the connection is limited to 100mbps by a bad cable. The only other thing would be some issue with the

May 14, 2026

Gigabit card only connecting at 100mbps? Here's the fix.

If you have a gigabit card only connecting at 100mbps, here are six things to try in order to get your networking to sync

Jul 05, 2026

Hey guys, Long story short I bought a D-Link DGS105 switch and for whatever reason it drops internet connection

Jul 24, 2026

Why is my connection only 100Mbps?

From research, this seems to be a working method, however the connection is auto-negotiated by my network switch

May 21, 2026

Why is the Gigabit Switch Only 100Mbps? How to Solve It?

Experiencing slow network speeds on your Gigabit switch? Discover why your gigabit connection isn't getting Gigabit

Jun 04, 2026

<100 Mbps on Gig network

Windows 11 might handle these settings differently than Windows 10, causing the slower speed when the second NIC

Dec 13, 2025

Hey guys, I bought a Gigabit LS105G TP-Link switch for my home network, but after connecting my PC to it, my ISP

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networking

I happened to have the same problem with a Tp-Link LS1005G switch, which is capable of 1Gbps, but got only 100

Aug 01, 2025

## Ethernet Connection Limited to 100Mbps Instead of 1Gbps

Hello! I have a GA-B85M-D3PH motherboard that supports 1Gbps connections, but I've only been able to achieve that

May 05, 2026

## 100 mbps devices not working on new 9200 switches

Recently replaced 5 older switches with 9200-48P's running 17.03.04. Ran into an issue with some older devices that

Oct 08, 2025

## 7 Ways to Fix Ethernet Speed Capped at 100Mbps on Windows 11

Spread the loveEthernet connections are famed for their speed and stability. However, sometimes issues can arise, such as a speed

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## Ethernet Internet Speed Capped at 100 Mbps (Fix)

This guide explains why your Ethernet speed may be capped at 100 Mbps instead of 1 Gbps, even if your internet plan

Jan 08, 2026

## Supposed to have Gigabit connection but only get 100mbps on

I was having difficulty with my Verizon 1 Gigabit service only run around 200 - 300 mbps on average and maxing out at around 400

Jan 30, 2026

## Mixing gigabit and 100Mbps devices | Tom's Hardware Forum

If I have a 10/100Mbps switch with a 10/100Mbps server and 2 10/100Mbps clients communicating with the server, will

Mar 17, 2026

## Getting only 100mbps behind gigabit switch

When I'm using my docking station (uses Realtek USB GbE Family Controller) from my laptop I'm only getting

Aug 31, 2025

## Solved: Gig trunk only running at 100mb

Did you see it's marked as "OPEN" instead of Normal? This means there's an OPEN circuit. Unfortunately for you, Pair

Jul 22, 2026

Hi guys, I'm having trouble with my ethernet speed. I'm using 3600+B450 tomahawk max mobo with CAT7 LAN cable

Mar 18, 2026

Can you mix gigabit and 10/100 ethernet on the same network?

Yes you can mix them. Let say you connect a 100mb/s switch to a 1gb/s switch each connections speed is negotiated by the switch

Mar 26, 2026

Gigabit switch reverting to 100mbps : r/HomeNetworking

Gigabit switch reverting to 100mbps Hi, I have a Dlink GS108 and a Tp-link TL-SG105 both gigabit ethernet switches that are in

Sep 04, 2025

Gigabit switch and Gigabit AP but only running at 100Mbps?

All of these devices support gigabit, however the access point says it's only connected at 100Mbps FD and the light on

Aug 23, 2025

Question

I've had ethernet cabling installed to certain sockets around my house. I've installed a Netgear gigabit switch to handle

Nov 17, 2025

1Gbps Switch But 100 Mbps Output

Our company desided to change the old switch into a Gigabit cisco switch. After updating my switch few connection

Oct 07, 2025

<100 Mbps on Gig network

I just upgraded to a new Windows 11 PC. Reused the same ethernet cable, but only got about 50 Mbps, where my

Sep 21, 2025

How to Fix Ethernet Link Speed 100mbps Instead of 1gbps

Fortunately, resolving this problem is often straightforward with some troubleshooting steps. In this guide, we'll walk

Oct 01, 2025

Gigabit switch only giving me a 100 mbps connection.

Also, whenever I connect the laptop to the trendnet switch, it connects via gigabit connection before switching between gigabit and

Dec 22, 2025

Question

Hello guys, my internet stays at 1gbps for about 1-2hours and then switch to 100mbps (it disconnect and connect again

Dec 11, 2025

Ethernet Connection Limited to 100Mbps Instead of 1Gbps

Ethernet speed stuck at 100 Mbps is usually caused by a hardware problem: a faulty or low-quality network cable, a

Jul 16, 2026

Gigabit switch only giving me a 100 mbps connection.

If there is a loose/bad connection on one random wire, there are 2 things that can happen: If the bad connection is on a wire used by

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://chromadecksigns-eastrand.co.za>

Email: [sales@chromadecksigns-eastrand.co.za](mailto:sales@chromadecksigns-eastrand.co.za)

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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