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uptown47

On a gigabit network is a transfer rate of 70MB/s normal?

Text

Solved - thanks

I have a network around my home that (in theory) should be a gigabit. I transferred a large file tonight from my PC to my NAS and windows reported it transferring at between 40MB/s and 109MB/s.

Is this the correct speed? Initially I thought it should be 1000MB/s. But then I'm wondering if 100MB/s is correct for a gigabit network?

So my questions are...

1. is an average of 70MB/s about normal for a home network transferring a large movie file from a PC to a NAS?
2. if the speed is low, do you have any software recommendations that will help detect where I'm losing my



2



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flaming_m0e • 5y ago

Learn the difference between gigabit and gigabyte.

There are 8 bits in every byte. A gigabit per second is a theoretical max of 125 megaBYTES per second.

With standard network overhead a transfer should top out at around 112 megaBYTES per second.

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Check out the tool iPerf, which can be useful in testing throughput across your network. As you've seen already, a gigabit network transferring at or above 110MB/s is likely working properly and isn't a bottleneck.

<https://iperf.fr/>

You might do some benchmark tests on your pc and your nas, to make sure you're not limited by hard drives.

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1gbps/1gbps plan but my upload is only half of a gbps, meanwhile on my phone it gets to 700-800, anyone knows what could be the problem?

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So I have about 70Mbps download speed, but when I'm downloading a game update (War Thunder) it limits the speed to 10Mbps

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My sons DL speed peaks at 12MB / sec, mine DL at 70MB / sec, same network, any idea what's going on?

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Is a 2.5gbps on mb is worth paying more instead of 1gbps?

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

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I have a 1 gb internet speed plan but im only downloading call of duty at 60mb/s

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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...

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Gigabit Over Thermostat Wiring lol

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