* Router: TP-Link TL-ER6120 Gigabyte Ethernet
* Hálózati kártya:- Realtek Semiconductor Co., Ltd. RTL8111 PCI Express Gigabit Ethernet Controller
  + - - Capacity 1Gbit/s
    - - Width 64 bit
    - - clock 33Mhz
* Gép adatai:
  + - Op Rendszer:
      * Ubuntu 22.04.4 LTS
      * 64 bit
      * GNOME version 42.9
    - - Memori: 4Gb
    - -CPU : Intel Core i7-4790 3.6Ghz
      * Width 64bits
      * Core 8
* Program1: iperf3 -server oldal
  + Program kod TCP átvitel esetén
    - iperf3 -s 192.168.33.1 -p 30001 -b 1000M
    - iperf3 -s 192.168.33.1 -p 30001 -b 800M
    - iperf3 -s 192.168.33.1 -p 30001 -b 600M
    - iperf3 -s 192.168.33.1 -p 30001 -b 400M
    - iperf3 -s 192.168.33.1 -p 30001 -b 200M
    - iperf3 -s 192.168.33.1 -p 30001 -b 100M
    - iperf3 -s 192.168.33.1 -p 30001 -b 50M
  + UDP átvitel esetén
    - iperf3 -s 192.168.33.1 -u -p 30001 -b 1000M
    - iperf3 -s 192.168.33.1 -u -p 30001 -b 800M
    - iperf3 -s 192.168.33.1 -u -p 30001 -b 600M
    - iperf3 -s 192.168.33.1 -u -p 30001 -b 400M
    - iperf3 -s 192.168.33.1 -u -p 30001 -b 200M
    - iperf3 -s 192.168.33.1 -u -p 30001 -b 100M
    - iperf3 -s 192.168.33.1 -u -p 30001 -b 50M

A mérés eredménye

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TCP | | | UDP | | |  |
| Speed | Sender | Receiver | Speed | Sender | Receiver | Loss |
| Mbps | Mbps | Mbps | Mbps | Mbps | Mbps | % |
| 1000 | 215 | 212 | 1000 | 954 | 314 | 66 |
| 800 | 215 | 212 | 800 | 800 | 324 | 59 |
| 600 | 216 | 213 | 600 | 715 | 387 | 46 |
| 400 | 214 | 212 | 400 | 400 | 324 | 18 |
| 200 | 200 | 199 | 200 | 200 | 199 | 0 |
| 100 | 100 | 99.6 | 100 | 100 | 99.6 | 0 |
| 50 | 59.6 | 49.8 | 50 | 50 | 49.8 | 0 |

* Program2 : sourcesonoff -server oldal
  + Program kod tcp átvitel esetén
    - Sourcesonoff --transmitter-tcp --don-max=1G --don-type=Poisson –doff-max=1s –doff-type=Poisson –port-number=30000 –destination 192.168.33.1
  + Udp átvitel esetén
    - Sourcesonoff --transmitter-udp --don-max=1G --don-type=Poisson –doff-max=1s –doff-type=Poisson –port-number=30000 –destination 192.168.33.1