

10GEのレイテンシ

Chelsio T310

- rtt min/avg/max/mdev=0.033/0.057/0.125/0.011 ms

Xeon D内蔵NIC (10GBASE-T)

- rtt min/avg/max/mdev=0.104/0.174/0.214/0.019 ms
- rx-usecs=0
 - rtt min/avg/max/mdev= 0.110/0.171/0.217/0.017 ms
- Disable irqbalance, map all irq to core #15
 - rtt min/avg/max/mdev=0.111/0.151/0.199/0.019 ms
- Disable cpufreq
 - rtt min/avg/max/mdev=0.042/0.132/0.201/0.030 ms

Linkspeed 1Gbps

- Limit linkspeed to 1 Gbps
 - rtt min/avg/max/mdev=0.073/0.169/0.269/0.033 ms

結論

- SoC内蔵NICなのにChelsioのカードの方が速い