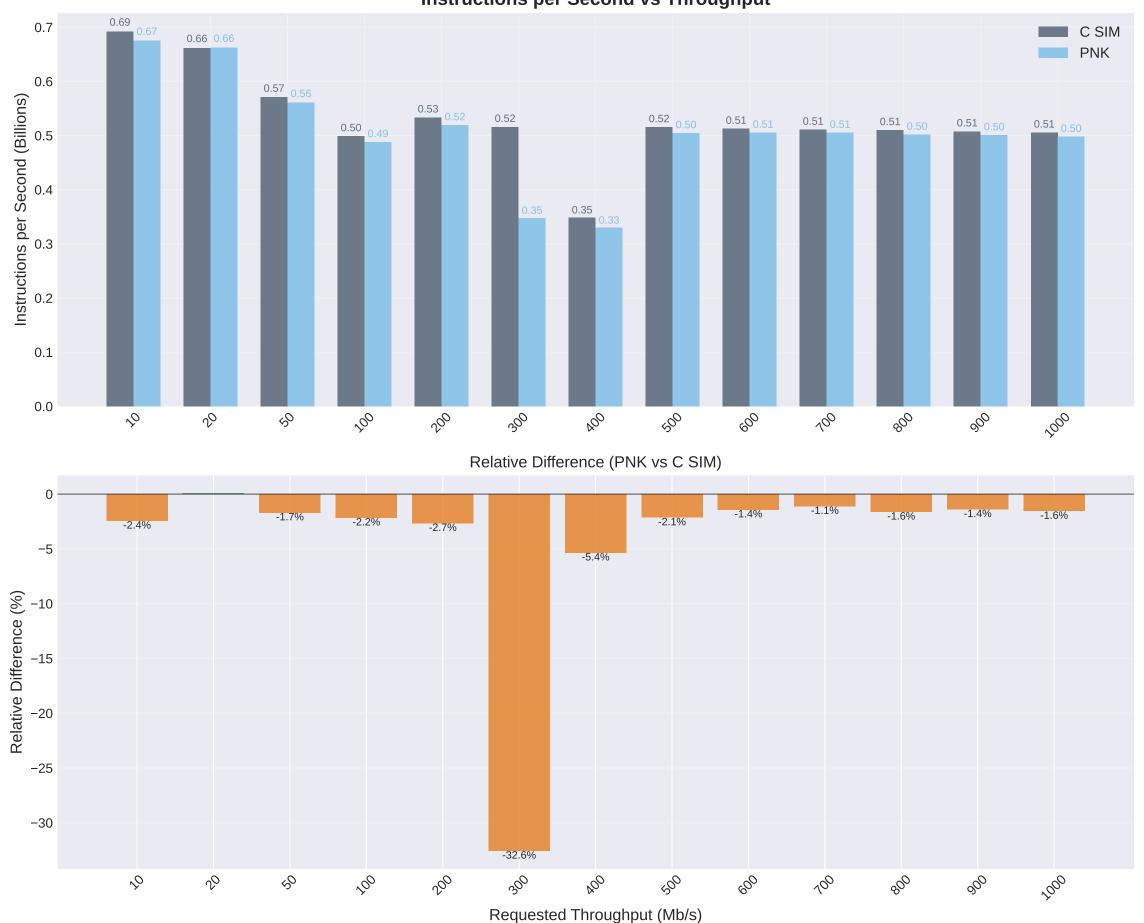
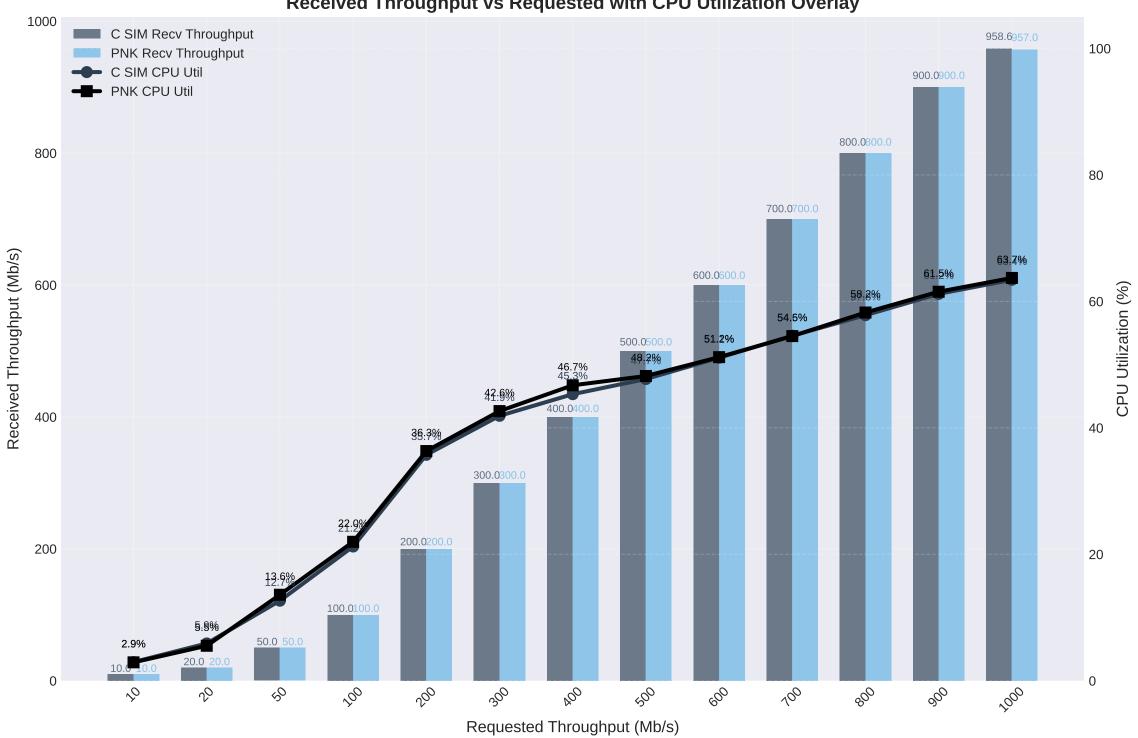
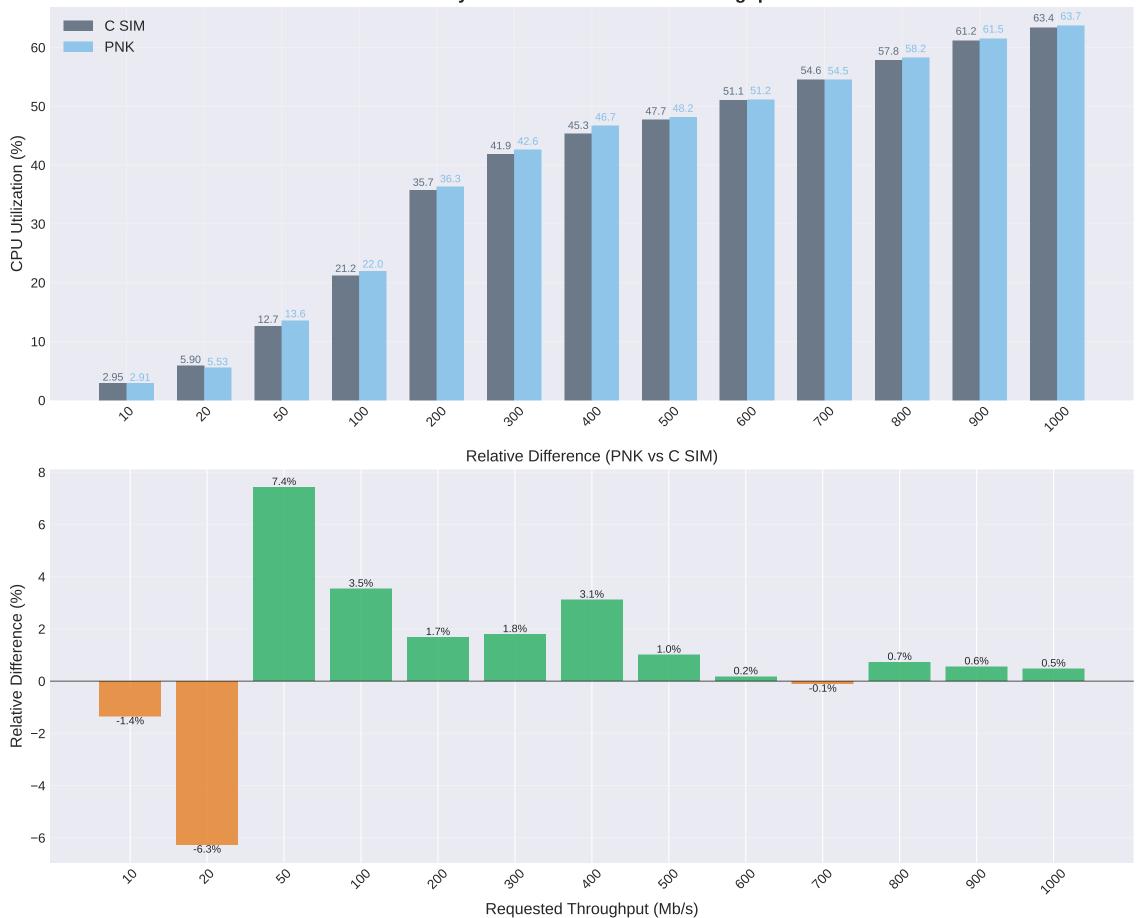
Instructions per Second vs Throughput



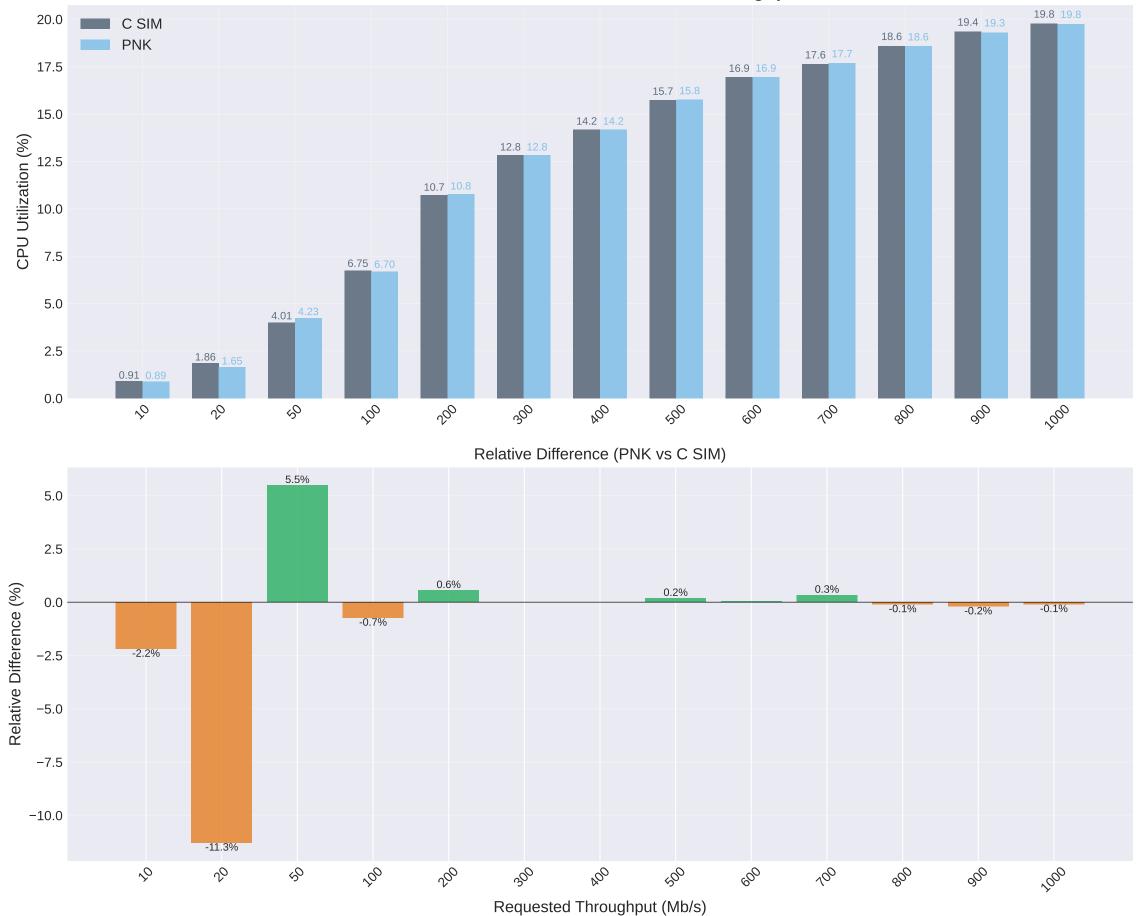
Received Throughput vs Requested with CPU Utilization Overlay



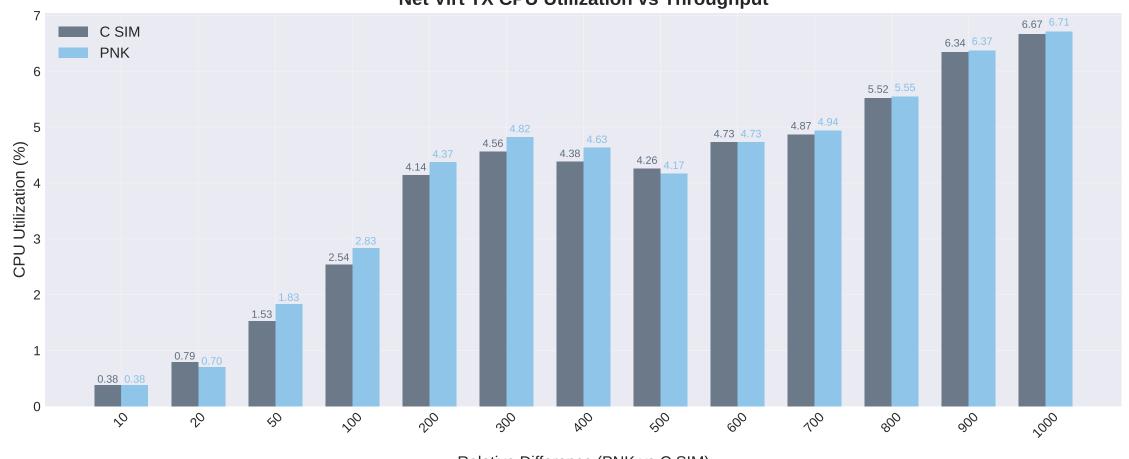
Total System CPU Utilization vs Throughput

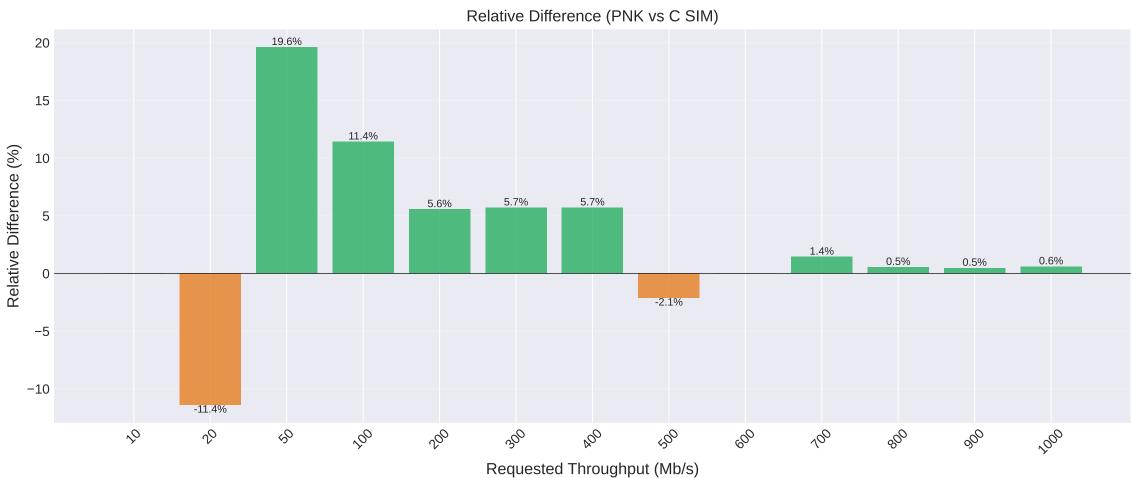


Ethernet Driver CPU Utilization vs Throughput

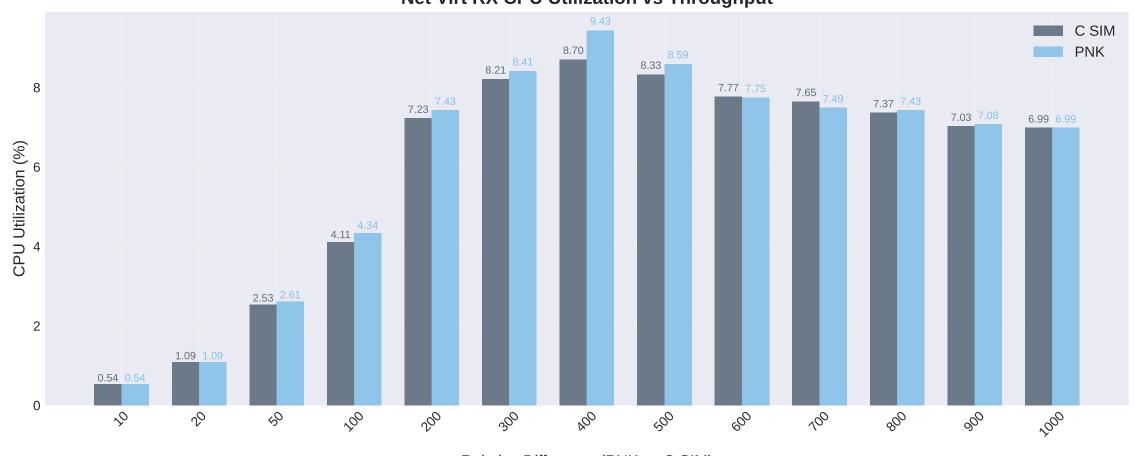


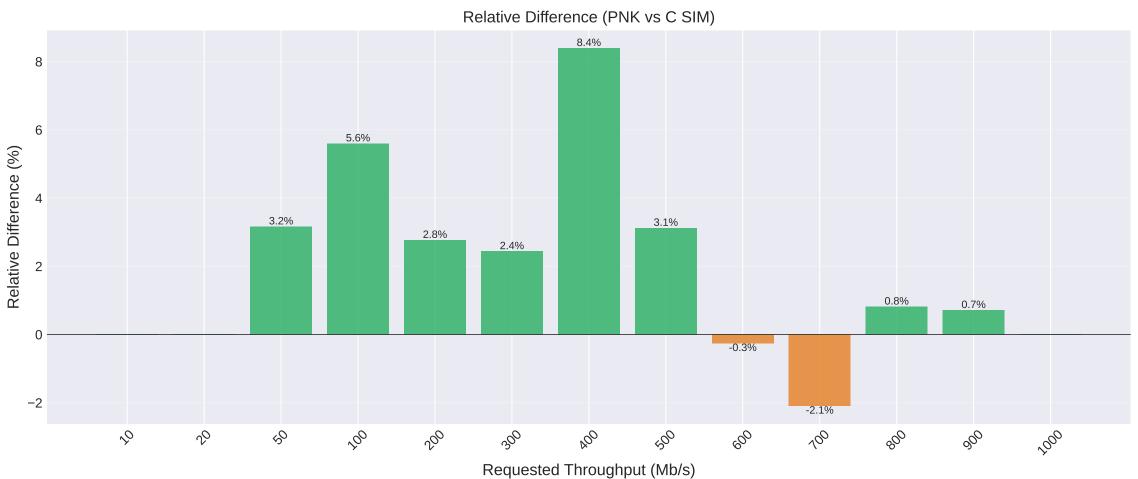
Net Virt TX CPU Utilization vs Throughput



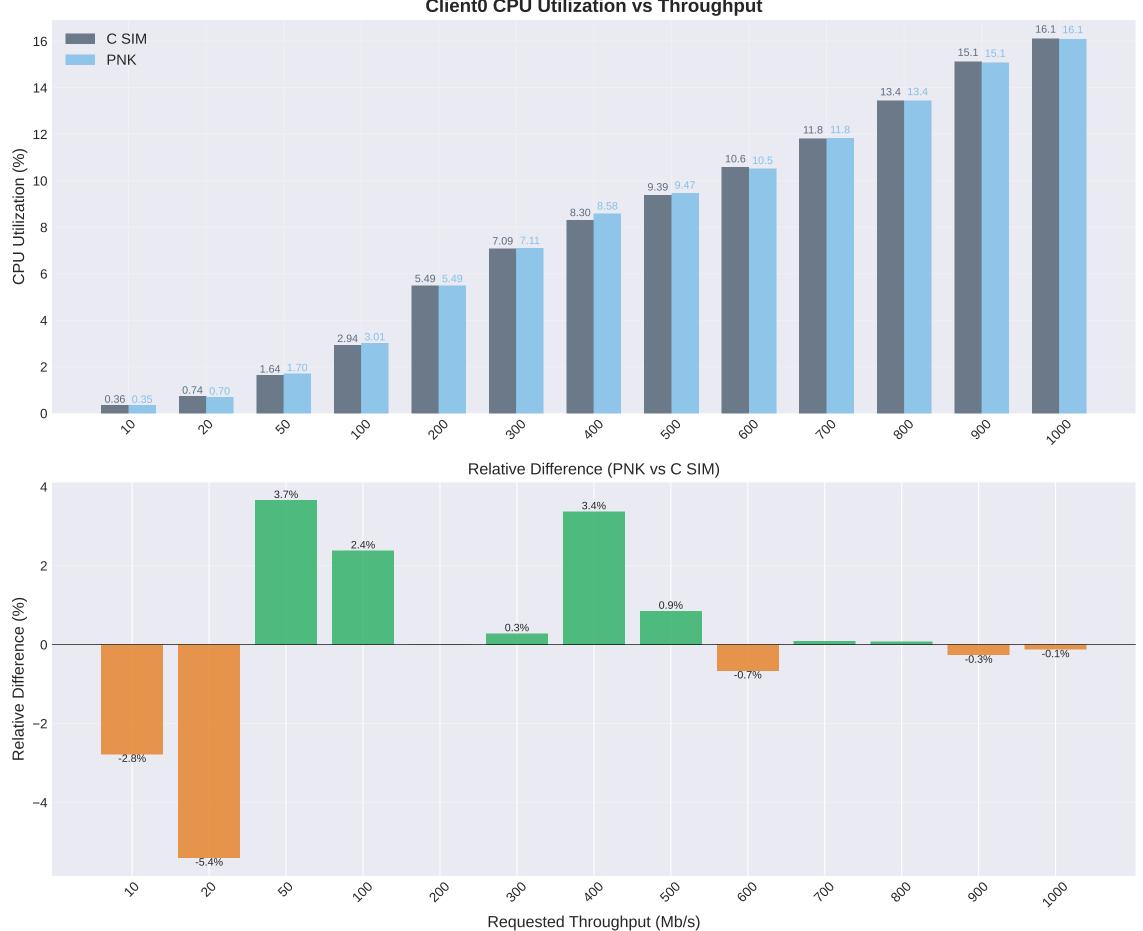


Net Virt RX CPU Utilization vs Throughput

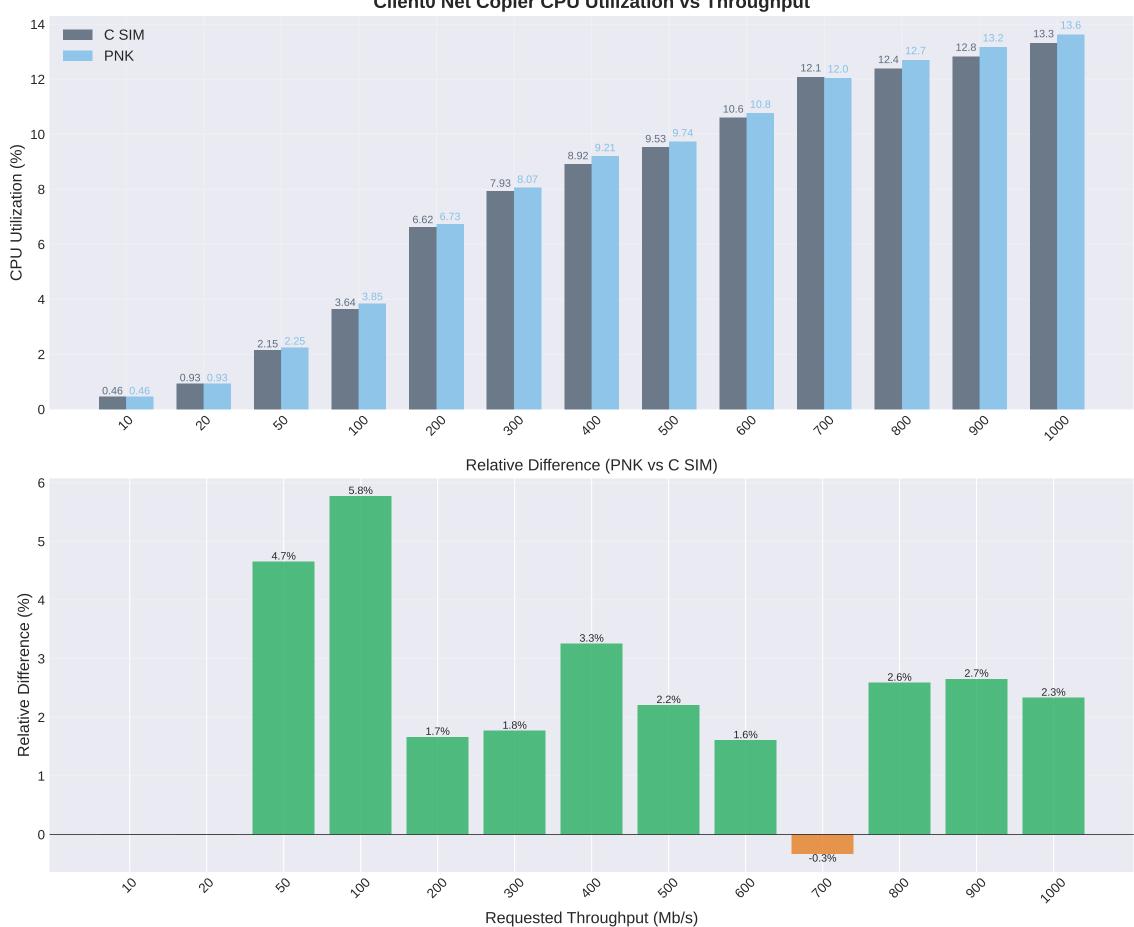




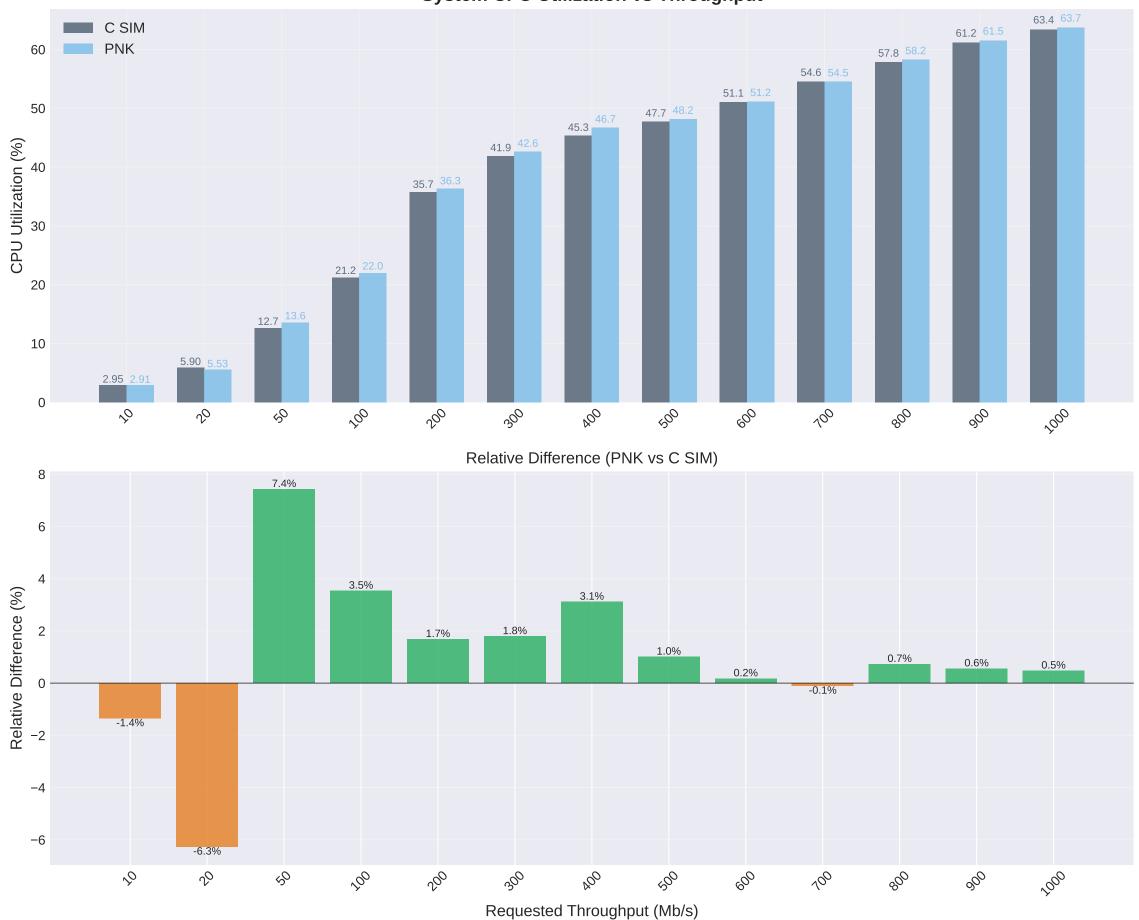
Client0 CPU Utilization vs Throughput

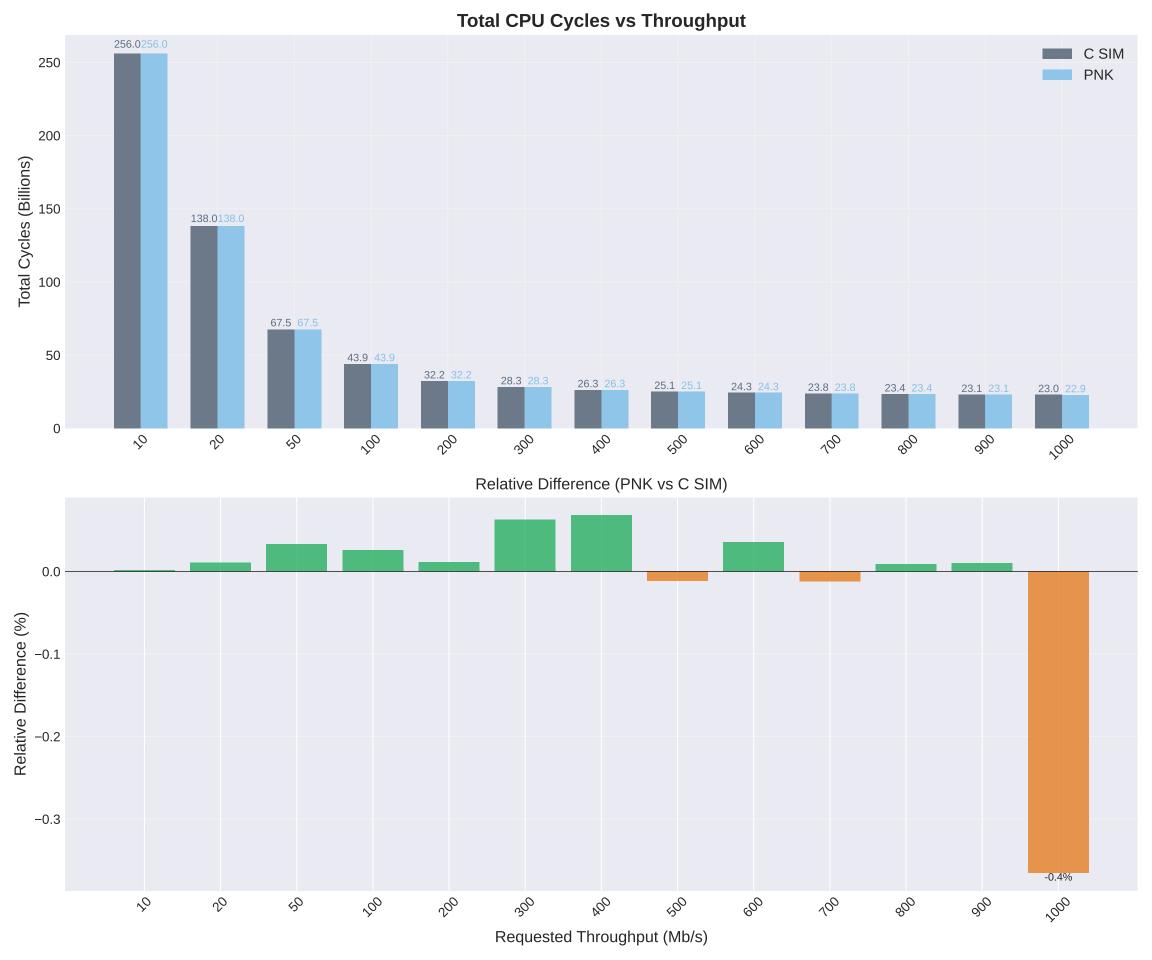


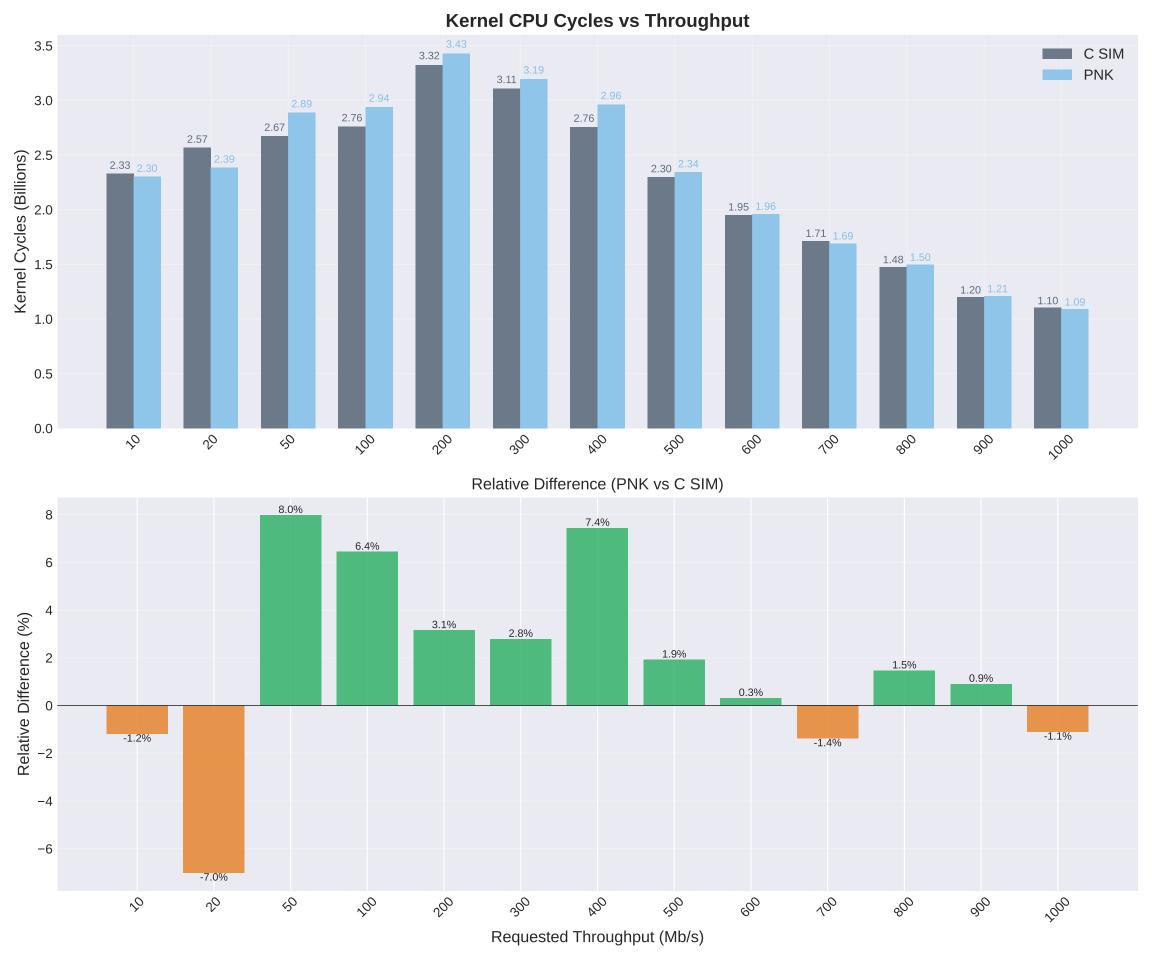
Client0 Net Copier CPU Utilization vs Throughput

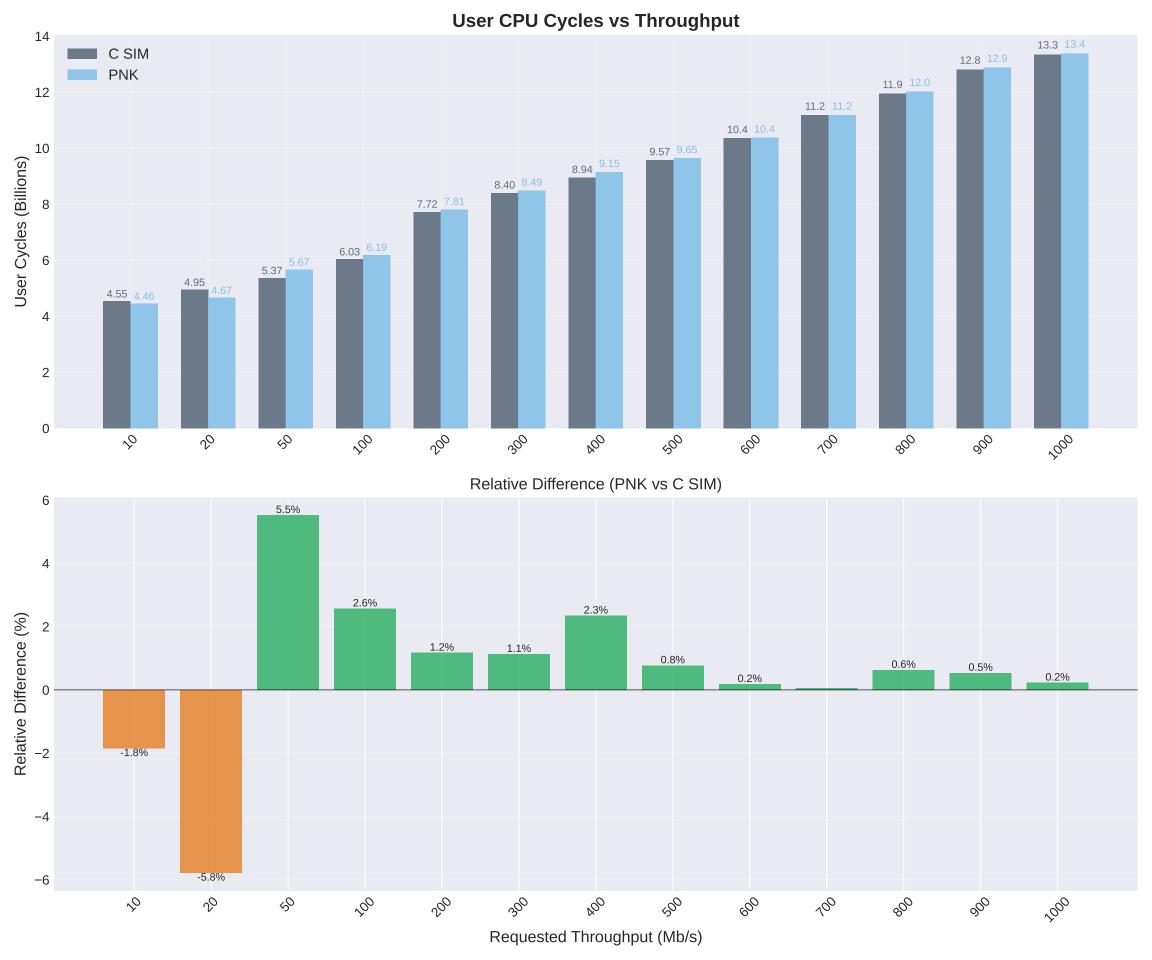


System CPU Utilization vs Throughput





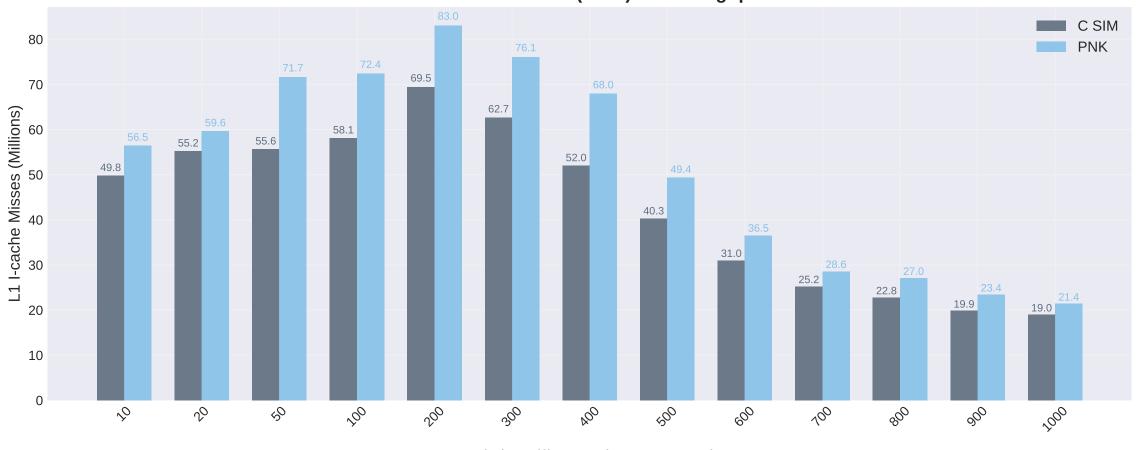


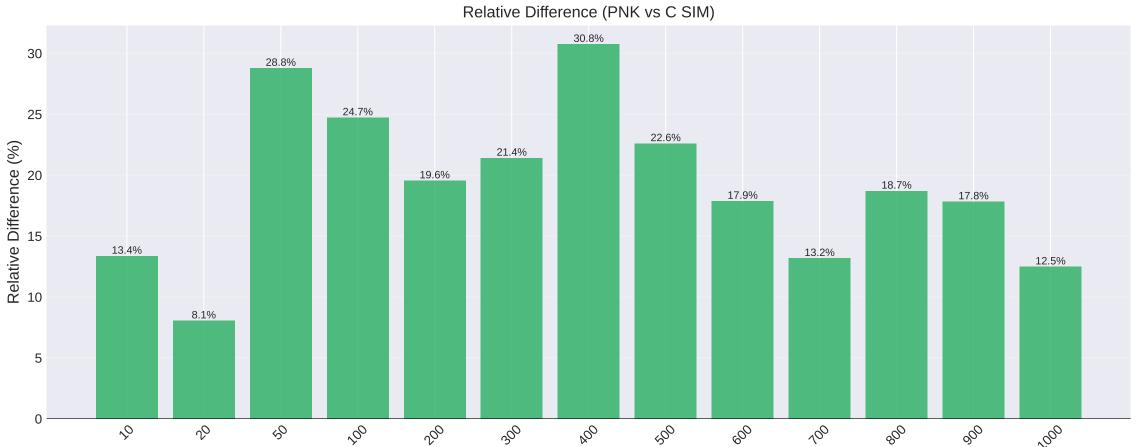


Idle CPU Cycles vs Throughput 248.4248.5

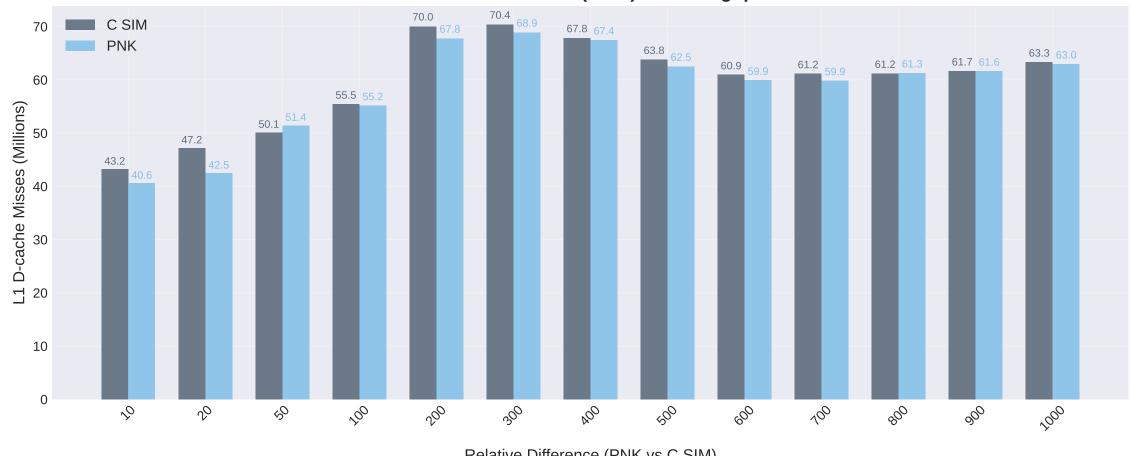


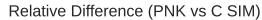
L1 I-cache Misses (Total) vs Throughput

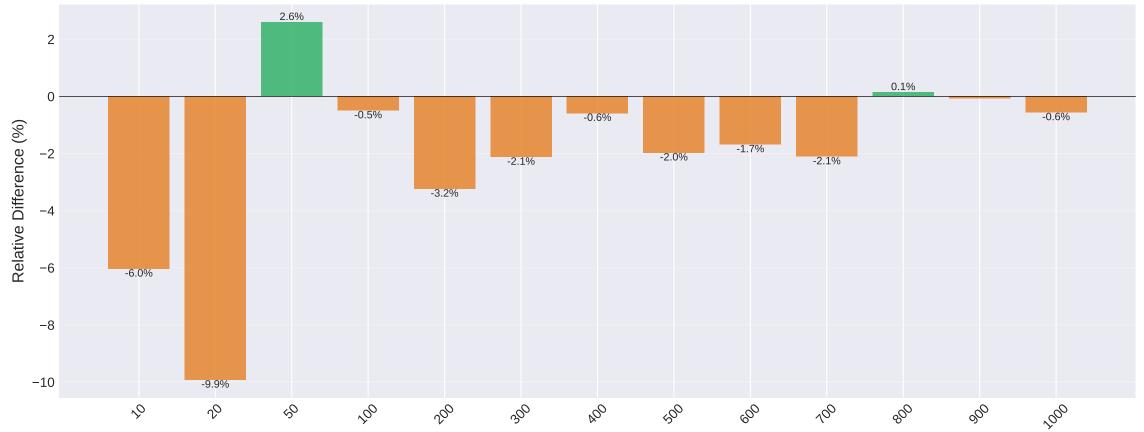




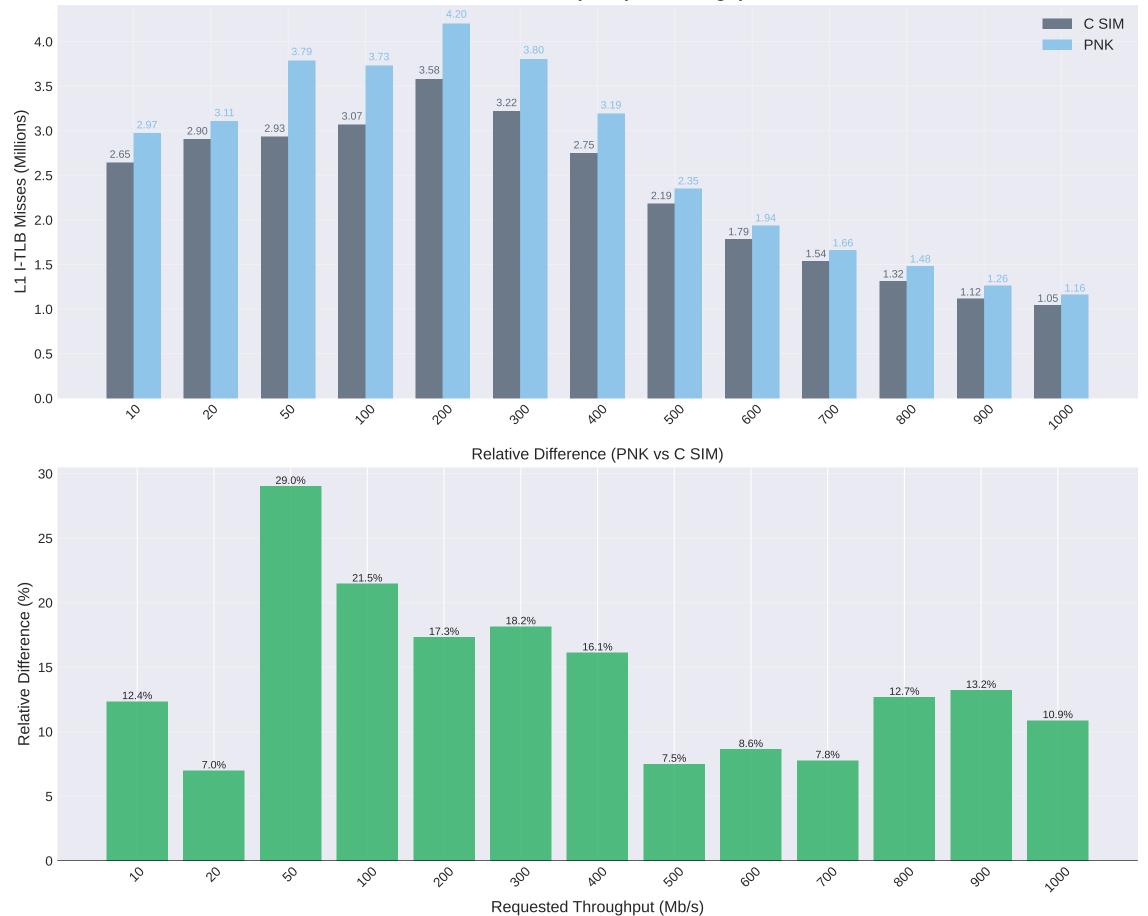
L1 D-cache Misses (Total) vs Throughput



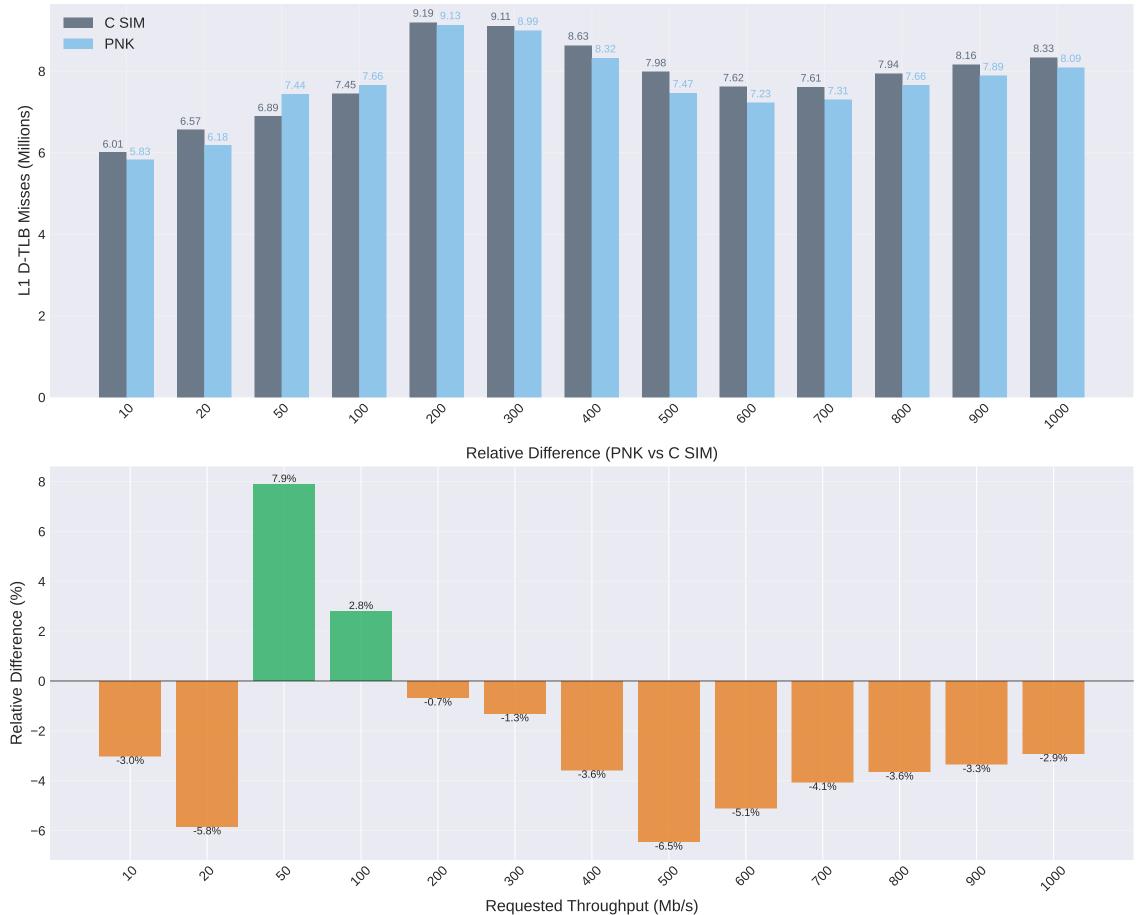




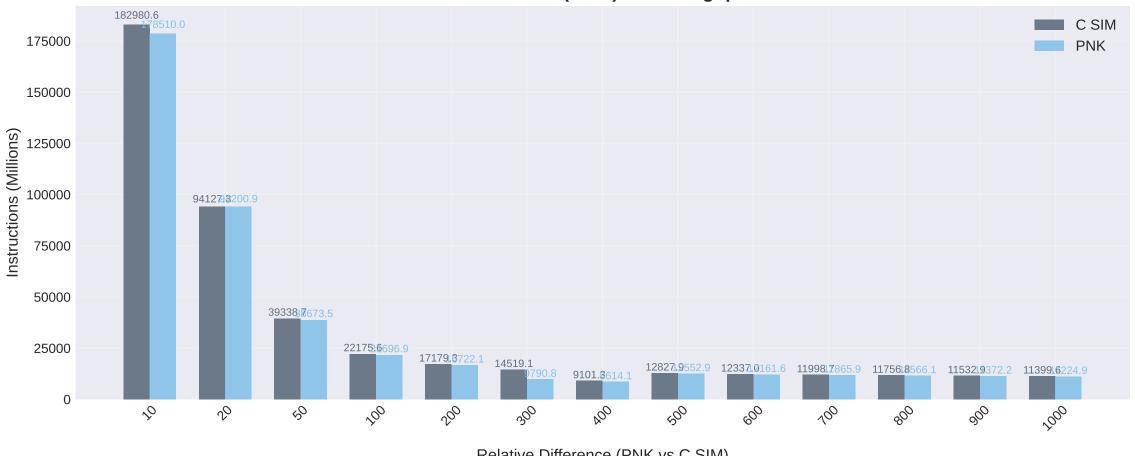
L1 I-TLB Misses (Total) vs Throughput

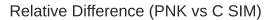


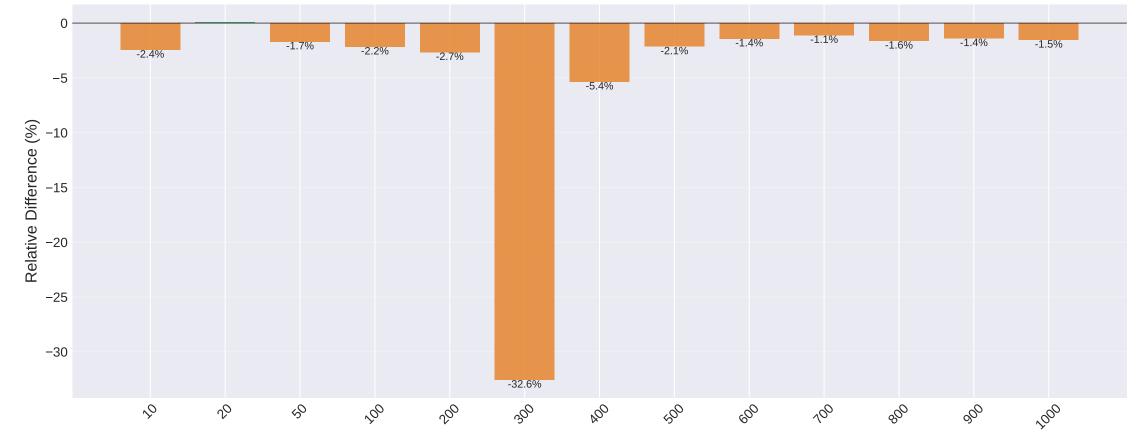
L1 D-TLB Misses (Total) vs Throughput



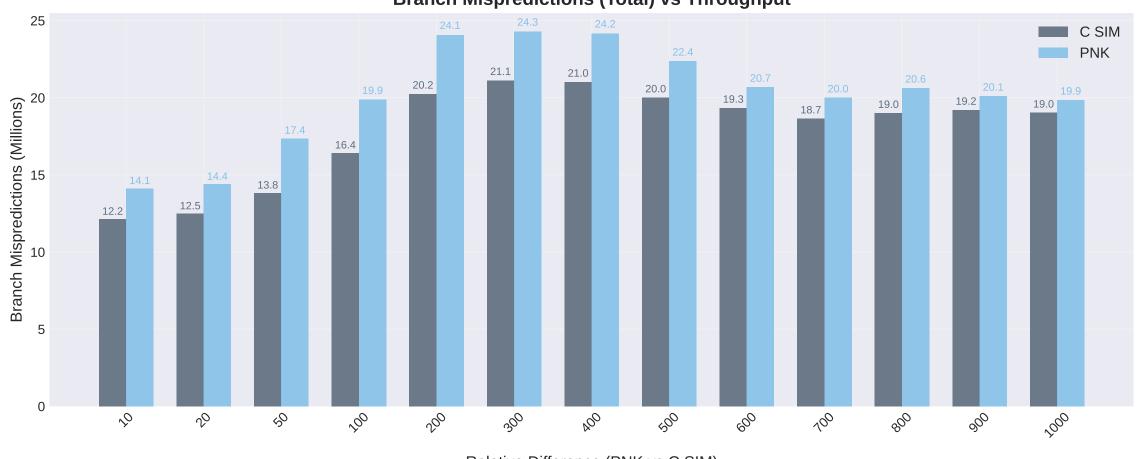


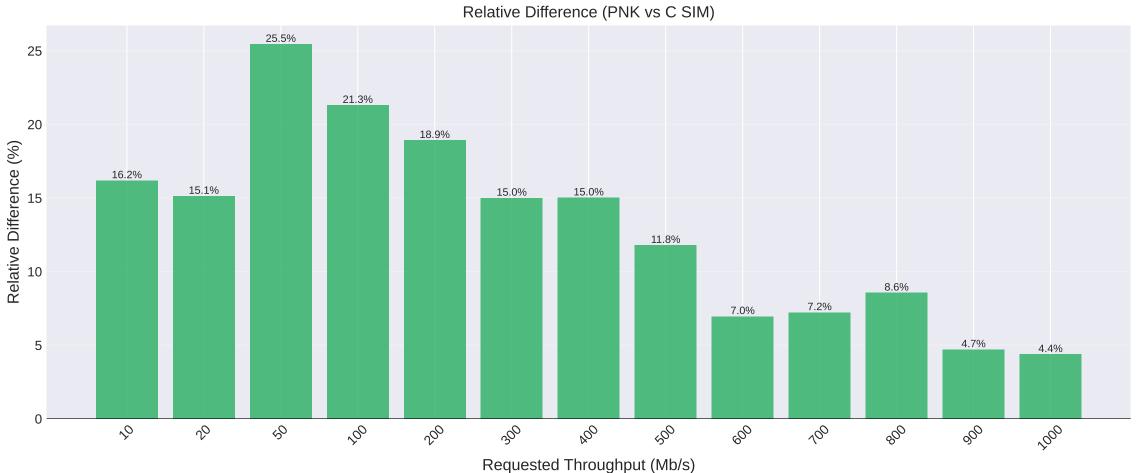




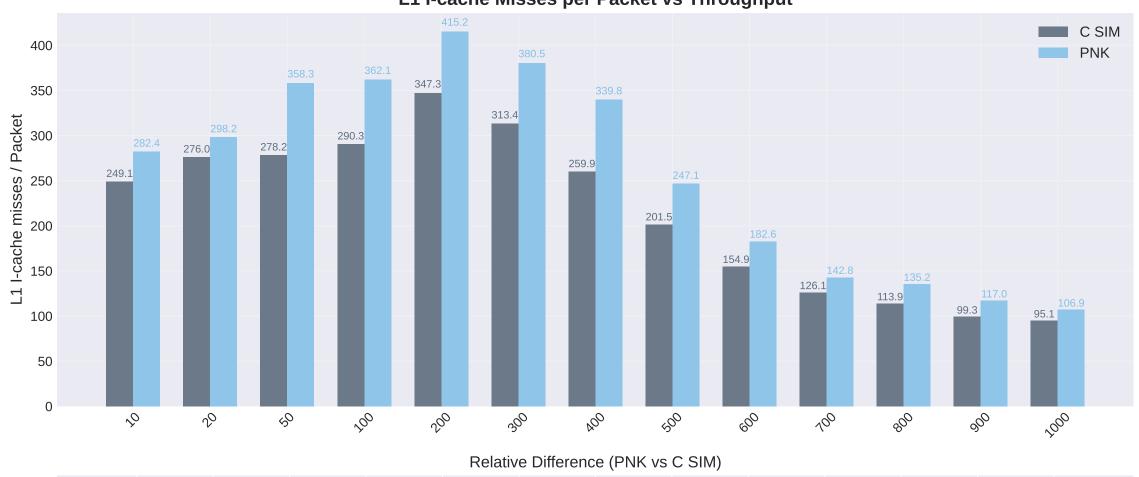


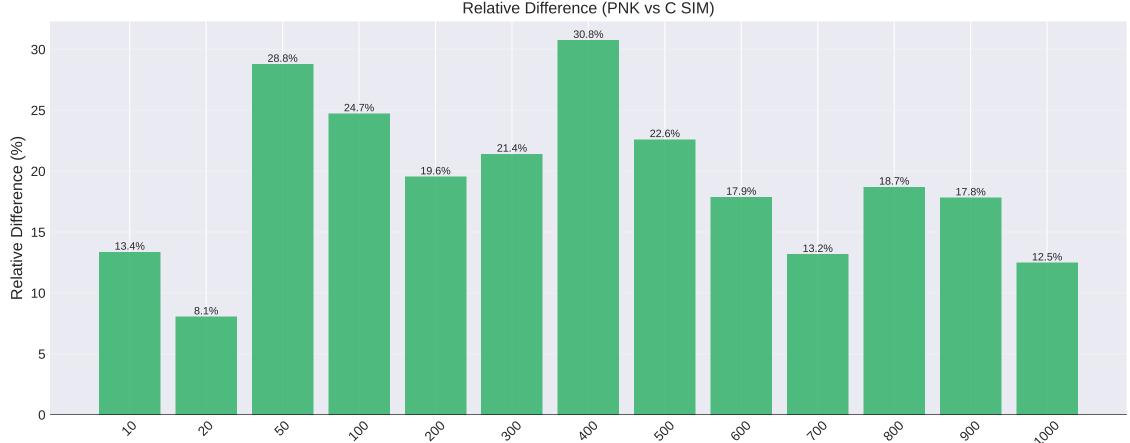
Branch Mispredictions (Total) vs Throughput





L1 I-cache Misses per Packet vs Throughput





L1 D-cache Misses per Packet vs Throughput



Requested Throughput (Mb/s)

200

500

100

900

-8

-10

-9.9%

20

SO

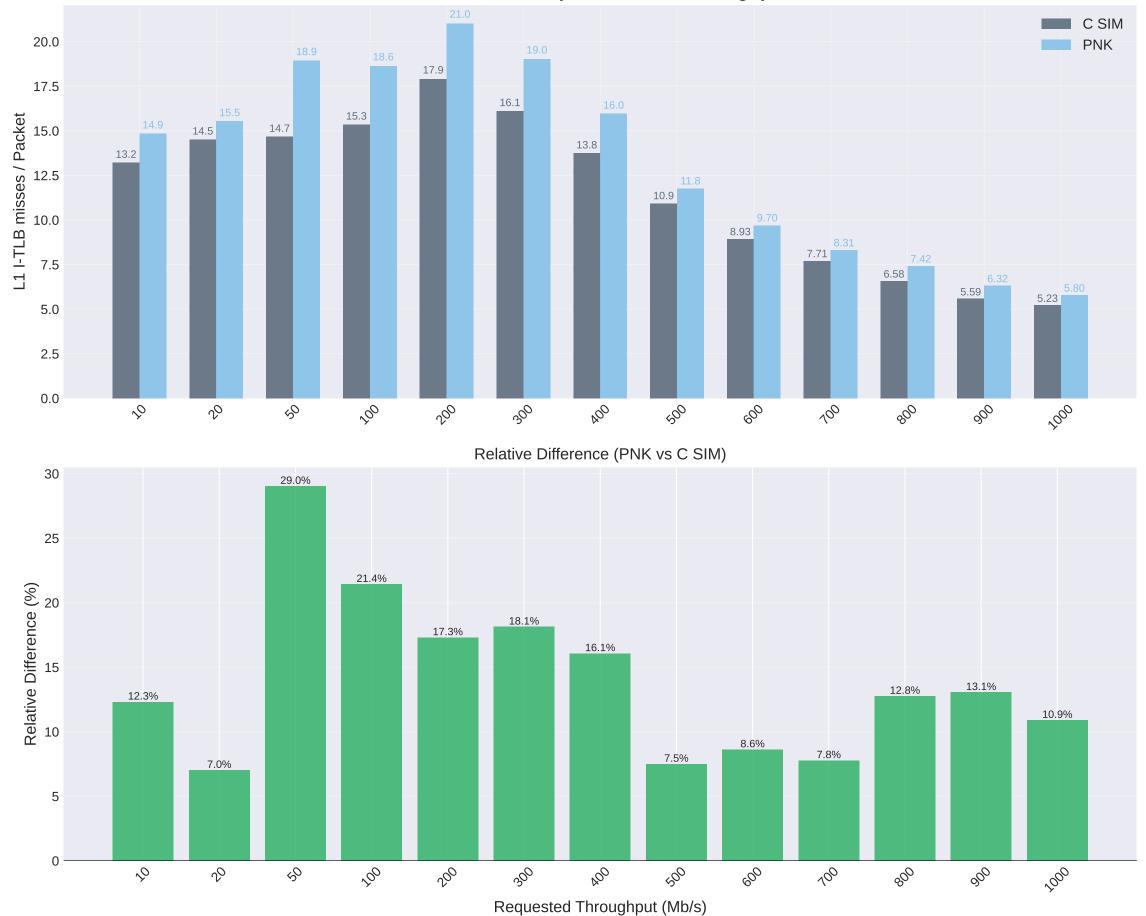
100

200

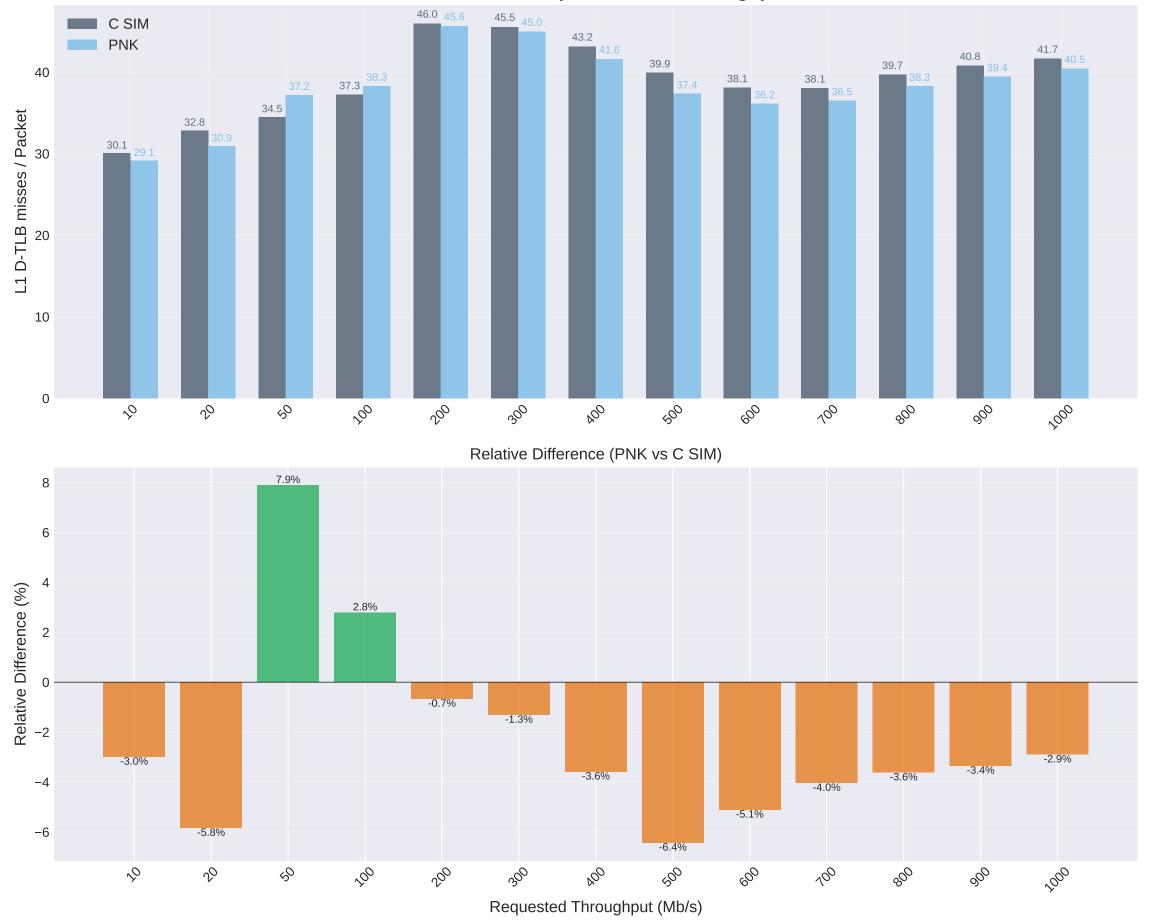
300

30

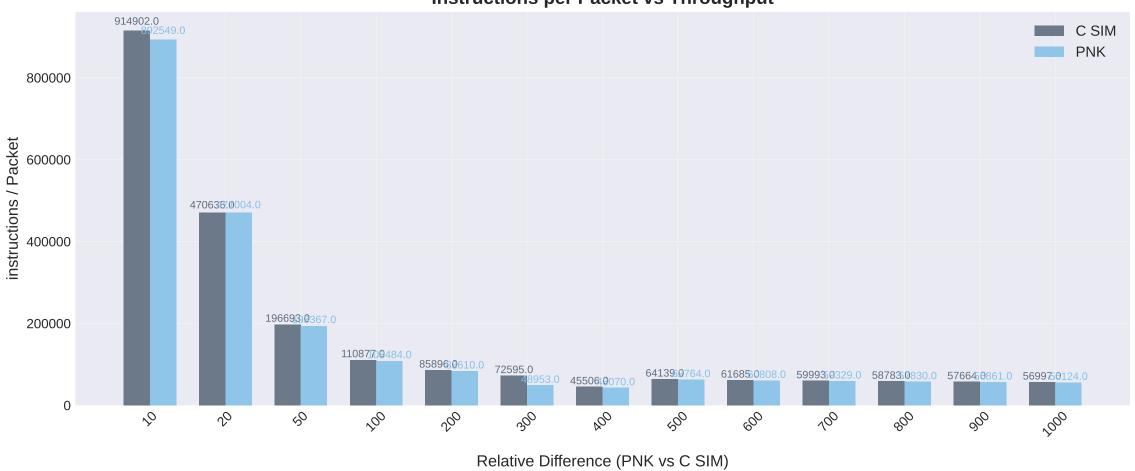
L1 I-TLB Misses per Packet vs Throughput

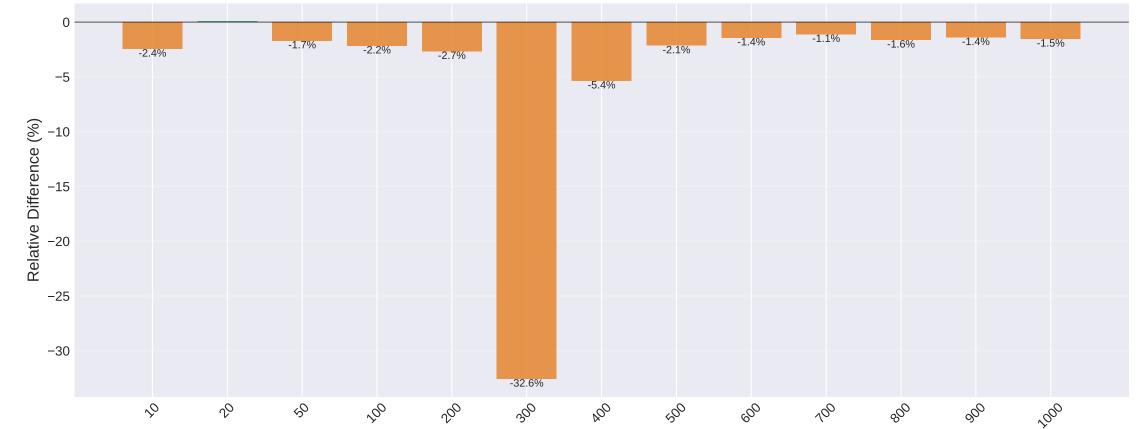


L1 D-TLB Misses per Packet vs Throughput



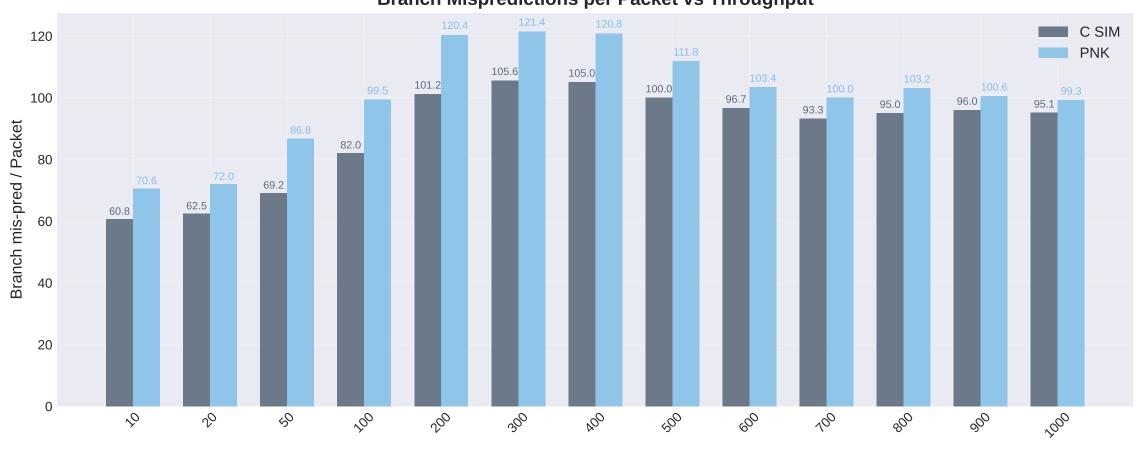


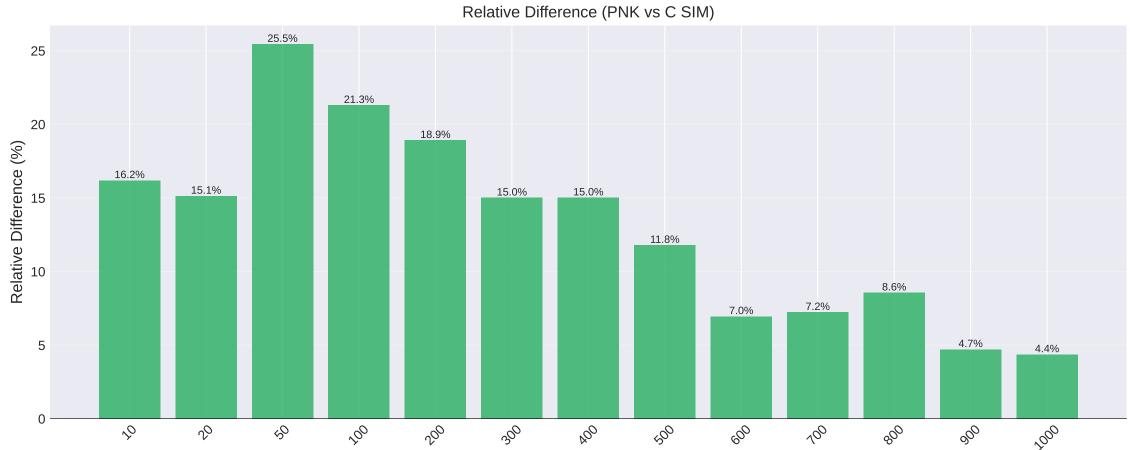


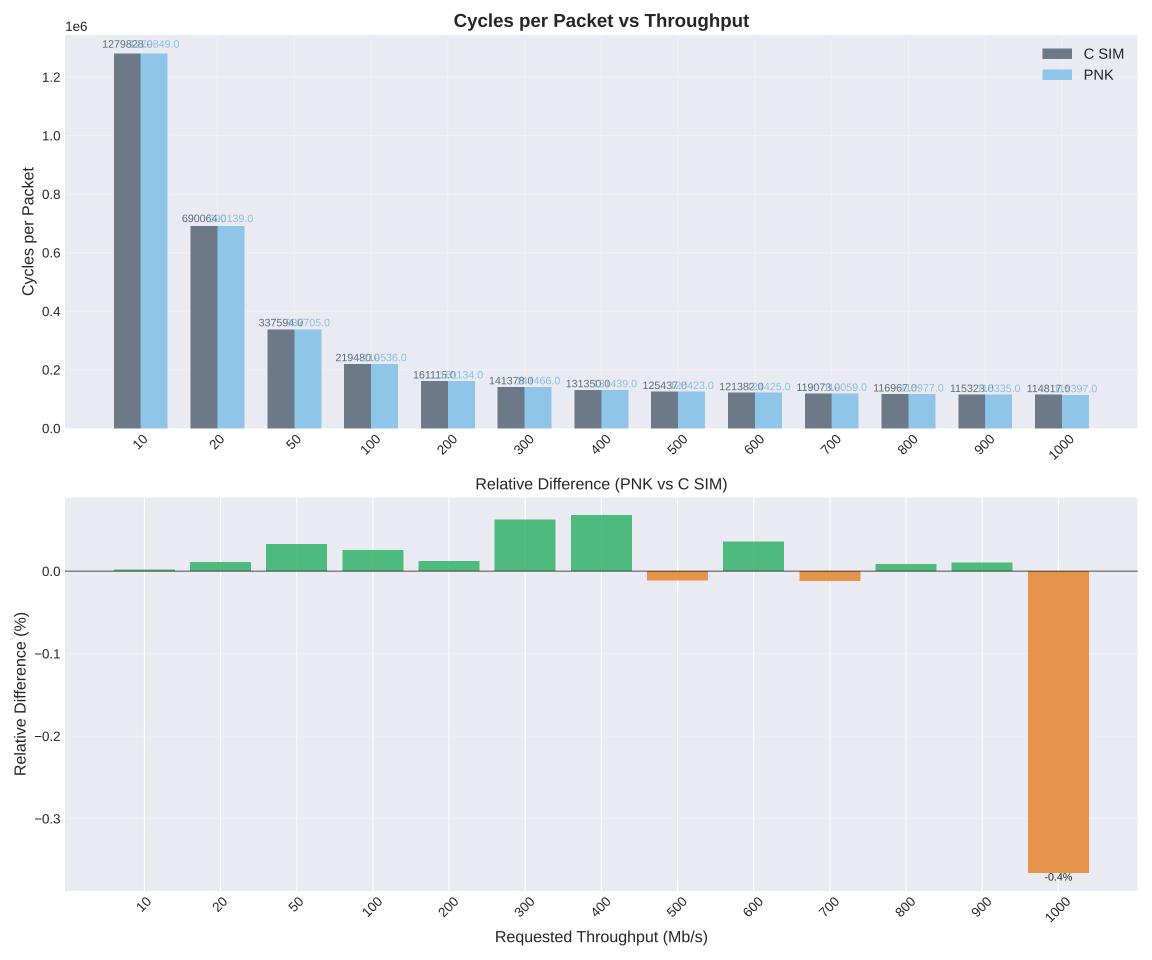


Requested Throughput (Mb/s)

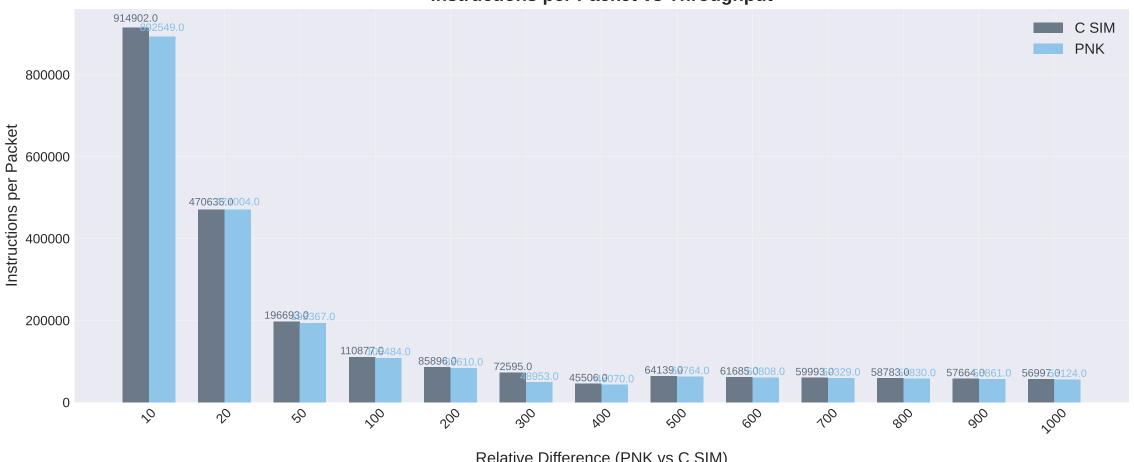
Branch Mispredictions per Packet vs Throughput

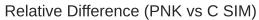


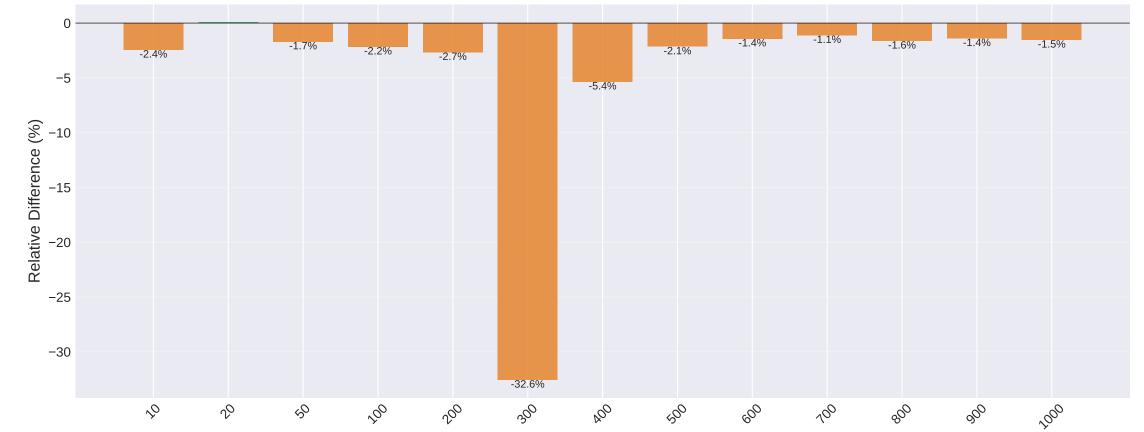






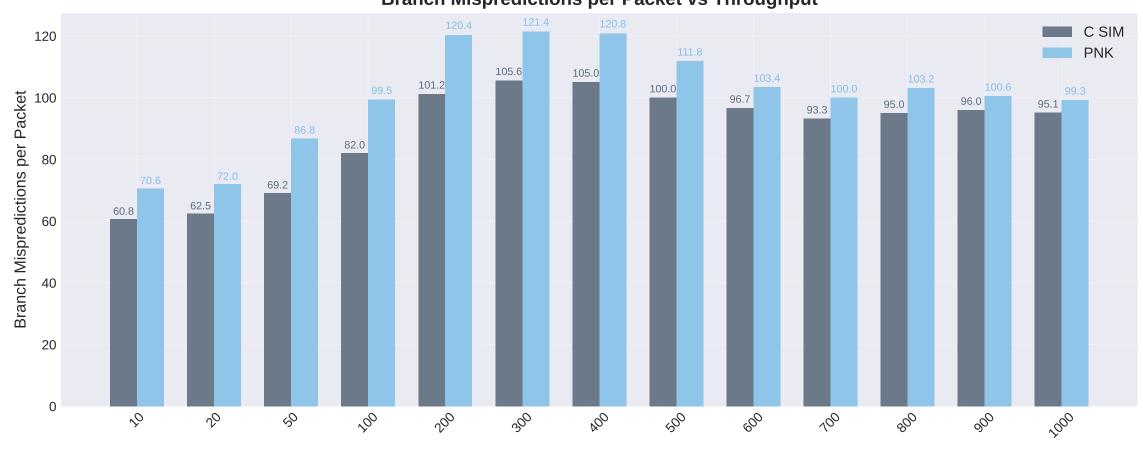


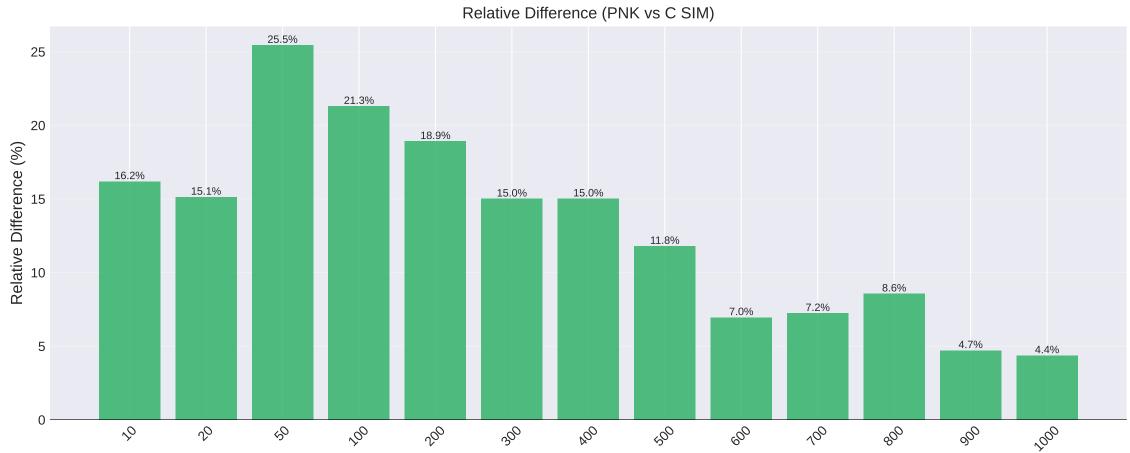


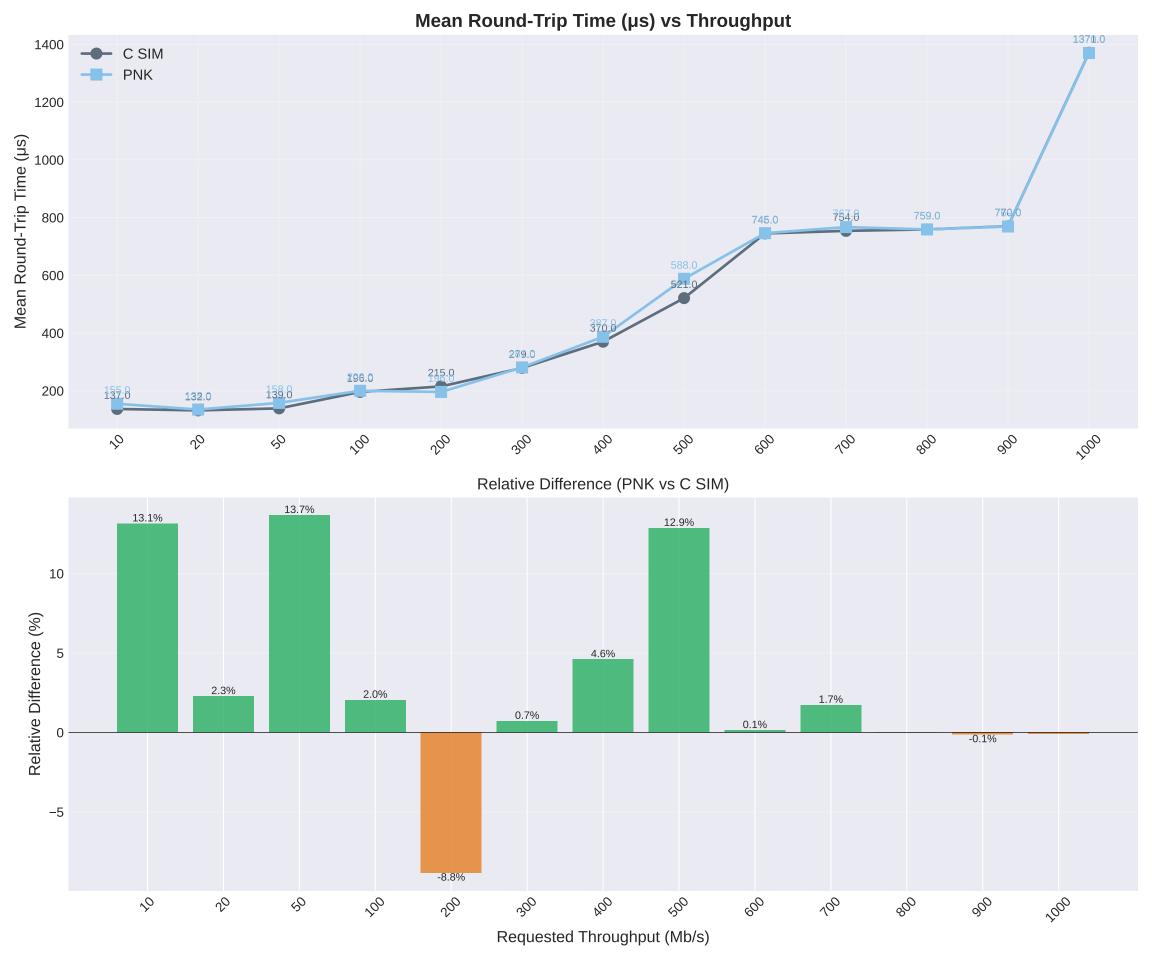


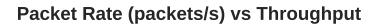
Requested Throughput (Mb/s)

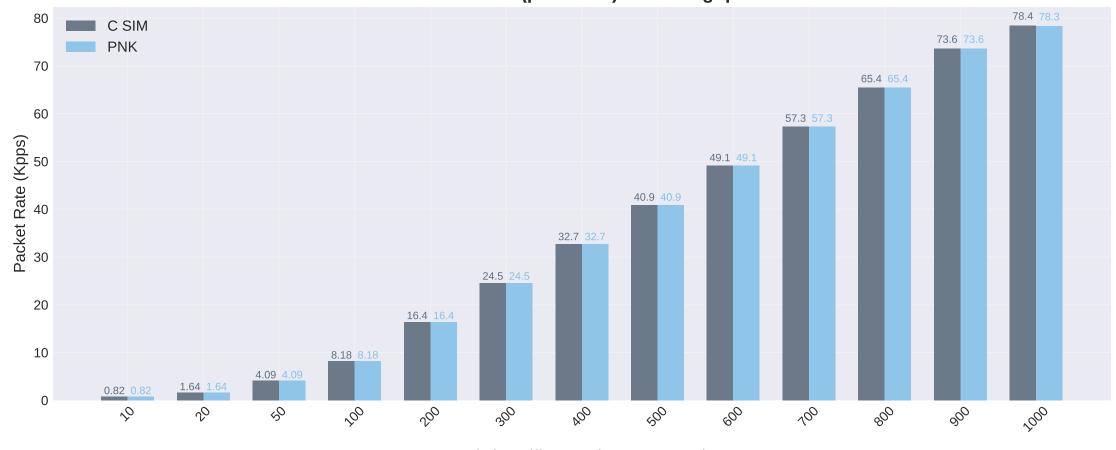
Branch Mispredictions per Packet vs Throughput

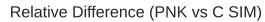


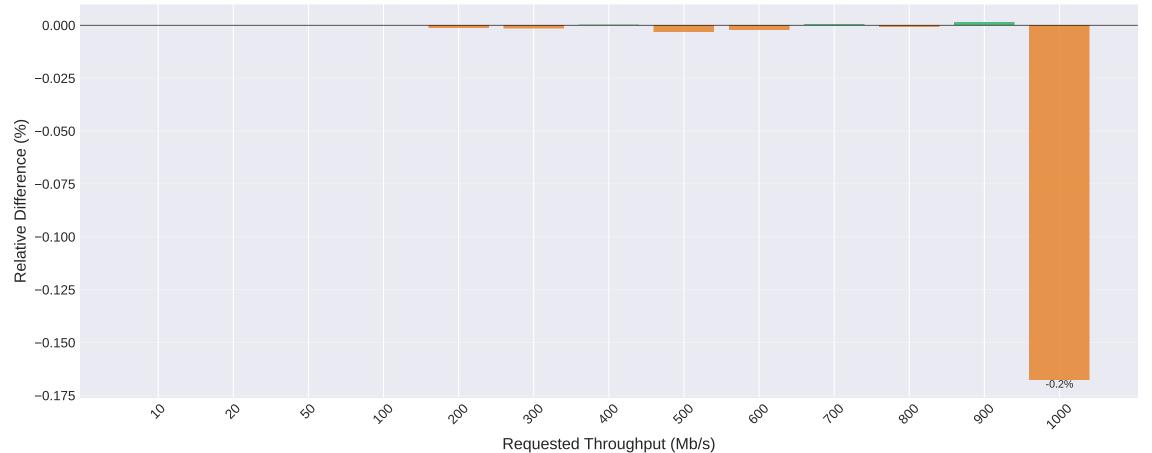


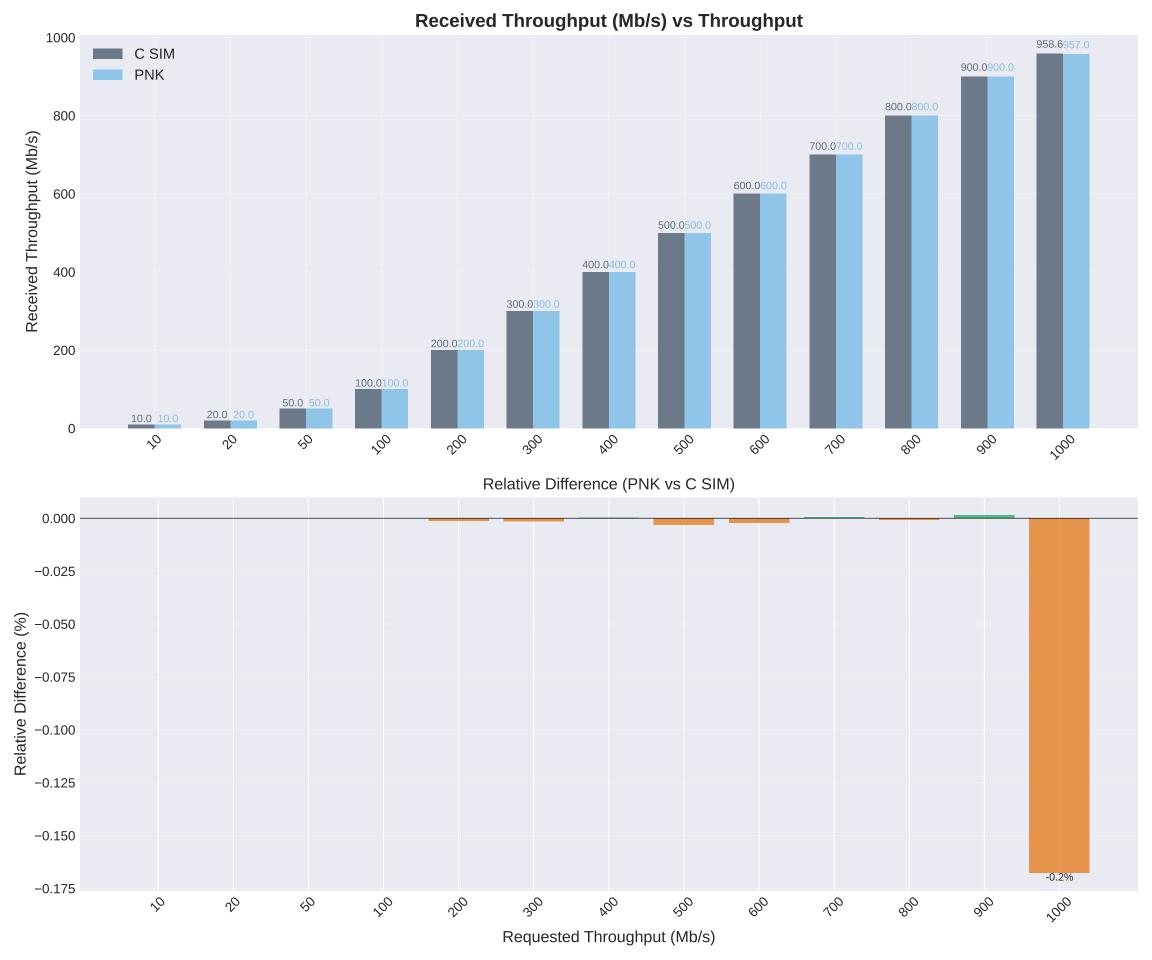












Sent Throughput (Mb/s) vs Throughput 1000.0000.0 C SIM 1000 PNK 900.0900.0 800.0800.0 800 Sent Throughput (Mb/s) 700.0700.0 600.0600.0 600 500.0500.0 400.0400.0 400 300.0300.0 200.0200.0 200 100.0100.0 50.0 50.0 20.0 20.0 10.0 10.0 0 2000 900 \$ 200 200 300 NOO 400 600 700 900 20 50 Relative Difference (PNK vs C SIM) 0.0006 0.0004 Relative Difference (%) 0.0002 0.0000 -0.0002

-0.0004 30 20 200 200 300 NOO 400 600 100 900 50 Requested Throughput (Mb/s)