

RFC 2544 Test Report

Test Configuration

Tester: Ostinato PerfBench

Tester Version: 1.3.0-perfbench.0.1.6

Start Time: 2025-07-29 12:05:43

End Time: 2025-07-29 12:23:43

Frame Sizes: 64, 128, 256, 512, 768, 1024, 1280, 1518

Trial Duration: 20 seconds

Number of Flows: 256

Throughput Tests

Pass Threshold: 99%

Loss Tolerance: 1%

Low TX Tolerance: 1%

Frame Size	Max Rate(fps)	Tx Rate(fps)	Rate(fps)	Rate(Mbps)	Result
64	14,880,952	14,874,273 [-0%]	14,874,273	9,996	PASS
128	8,445,946	8,442,134 [-0%]	8,442,134	9,995	PASS
256	4,528,986	4,526,918 [-0%]	4,526,918	9,995	PASS
512	2,349,624	2,348,625 [-0%]	2,348,625	9,996	PASS
768	1,586,294	1,585,842 [-0%]	1,585,842	9,997	PASS
1024	1,197,318	1,197,003 [-0%]	1,197,003	9,997	PASS
1280	961,538	961,479 [-0%]	961,479	9,999	PASS
1518	812,744	812,699 [-0%]	812,699	9,999	PASS

* - Low Tx rate

Max Rate(fps) - Theoretical Maximum rate for the packet size

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Latency Tests

Frame Size	Tx Rate(fps)	Latency(ms)	Jitter(ms)
64	14,870,468	317.249	312.846
128	8,439,608	596.637	765.704
256	4,525,764	1518.141	377.460
512	2,347,889	2362.582	1447.885
768	1,585,440	3606.646	1899.912
1024	1,196,908	3349.969	1534.834
1280	961,263	2970.983	1291.041
1518	812,493	3558.720	2450.085

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Frame Loss Tests

Low TX Tolerance: 1%

Frame Size	Frame Rate(%)	Loss Rate(%)
64	100.00	0.00
64	90.00	0.00
128	100.00	0.00
128	90.00	0.00
256	100.00	0.00
256	90.00	0.00
512	100.00	0.00
512	90.00	0.00
768	100.00	0.00
768	90.00	0.00
1024	100.00	0.00
1024	90.00	0.00
1280	100.00	0.00
1280	90.00	0.00
1518	100.00	0.00
1518	90.00	0.00

* - Low Tx rate