

Responding to community requests for higher performance to support SDN deployments for both layer 2 and layer 3 connections, the CloudRouter team incorporated new open source technology from the Data Plane Development Kit (DPDK) project to enhance network performance and support for 100 GbE cards.

<b>CPU: 2 x Intel(R) Xeon(R) CPU E5-2690 v3 @ 2.60GHz</b>	
<b>Cores: 2 x 12 + Hyperthreading (48 cores total)</b>	
<b>RAM: 64G</b>	
<b>Traffic Generator: DPDK pktgen with 4 cores devoted to each Mellanox adapter</b>	
<b>Packet Size (Bytes)</b>	<b>Total Throughput (Gbps)</b>
512	649.6
1024	632.4
1500	636