

## How can I check the DMA bandwidth when running Sniffer10G?

### Model:

N/A

### Software:

Sniffer10G

### Operating System:

Supports both Linux and Windows Operating Systems.

### Information:

The **myri\_dmabench** program in **/opt.snf/bin** provides this information.

For example, in Windows:

```
bin>myri_dmabench.exe  
DMA timings for myri0 (00:60:dd:45:f1:70):  
LANai: 364.4 MHz PCI-E x8 (1MB = 1048576 Bytes)  
DMA read (send) Bandwidth = 1675.96 MB/sec (4096 bytes per DMA)  
DMA write (recv) Bandwidth = 1641.77 MB/sec (4096 bytes per DMA)
```

If you have a two-port adapter (e.g., 10G-PCIE2-8C2-2S), you can verify the bandwidth of each port by specifying the **myri\_dmabench** command-line argument **-b** and **-b 1**.

<u>Revision</u>	<u>Date</u>	<u>Change</u>
1	7/28/2016	Initial Draft

