

## GBIT router/switch/nic/driver questions

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-05/0003.html>

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**From:** Christoffer Pio (*cp\_at\_cvt.dk*)

**Date:** 05/15/03

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To: freebsd-performance@freebsd.org

> Hello,  
>  
> Can anyone tell me about performance issues re. freebsd  
> in filtering bridge configuration, compared to router  
> configuration? The filtering will take place between  
> two ethernet gigabit interfaces. Also, what kind of ethernet  
> fiber SX gigabit interface is recommended for production  
> use? I need to continue maintaing high uptime and stability  
> is primary concern, also it need to perform well and of course  
> the driver must work well.  
>  
> How many NMBCLUSTERS do I need for a bussy 1 gbit ethernet  
> filtering bridge or router? Other kernel issues to keep in mind?  
>  
> I use ipf for ip filtering. I was also wondering if there exist  
> any dual fiber gigabit ethernet cards (two fiber-pairs on one  
> card) in order to save pci slot space. Also, any  
> considerations on pci bus bandwidth must be done?  
>  
> I will be grateful for any hints or comments.  
>  
> Please direct copy of response to cp@cvt.dk since I do  
> not subscribe to any mailing lists.  
>  
> Thanks  
> Christoffer Pio

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freebsd-performance@freebsd.org mailing list

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