

Re: Good gigabit NIC for 4.11?

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2005-12/msg00118.html>

- *From:* Julian Elischer <julian@xxxxxxxxxxxxx>
 - *Date:* Fri, 23 Dec 2005 15:25:02 -0800
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"."@babolo.ru wrote:

I've been Googling up a storm but I am having trouble finding recommendations for a good gigabit ethernet card to use with 4.11. The Intel part numbers I found in the em readme are a few years old now, and I can't quite determine how happy people are with other chipsets despite my searches.

I'm looking for a basic PCI 1-port card with jumbo frame support if possible--I can live without it. Either way, stability is much more important than performance.

em for PCI32x33MHz works good up to 250Mbit/s, not more
em for PCI64x66MHz works up to about 500Mbit/s without polling

with 2 em interfaces on pci-express, bridging between the two interfaces I can bridge 930Mbits/sec. That is with filterring using ipfw on the bridge, testing against a single table of 128000 entries.

(dell 2850 plus an Intel quad gig card)
I get the same thoughput even with the machine bypassed.

I haven't tried two streams going in opposite directions to see if I can double that,
but cpu usage is around 15%

and drops packets at about 250Mbit/s.

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bge integrated in Tyan's dual opteron mobo works good
up to 500Mbit/s and may be more (CPU not 100% busy)

freebsd-net@xxxxxxxxxxx mailing list
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