

## Re: Side note on Shuttle XPC / AMD X2 (SN95G5V3) (Re: [PATCH] nve(4) locking cleanup)

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2005-11/0655.html>

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**From:** Joseph Gelinas ([scirocco\\_at\\_tasam.com](mailto:scirocco_at_tasam.com))

**Date:** 11/18/05

Date: Fri, 18 Nov 2005 01:05:36 -0500  
To: Matthew Dillon <[dillon@apollo.backplane.com](mailto:dillon@apollo.backplane.com)>

Matthew Dillon wrote:

> :  
> :I looked up this box and it looks pretty interesting, but I don't have  
> :funds to buy one for myself at the moment. Is the motherboard logic any  
> :different from normal NF4 boards? Could you try booting the FreeBSD  
> :6.0-bootonly disk to see if at least sysinstall comes up and can talk  
> :to your drives and network chips?  
> :  
> :Scott  
>  
> I'd be happy to. If you point me at an ISO image I can boot it up and  
> try to run through the install. Even better if its SMP (I think all  
> FreeBSD distributions are SMP by default now, right?).  
>  
> I suspect that the MB logic is considerably different. I have an  
> ASUS A8N-SLI Deluxe NF4 system as well (its our package building box),  
> also with an AMD X2 in it, and it did not exhibit any of the problems  
> I have had with the shuttle.  
>  
> The ASUS has a different ethernet device... sk driver instead of nv.  
> The BIOS on that MB also reports reasonable numbers in the MPTable and  
> otherwise seems to be less confused than Shuttle's BIOS. The MP Table  
> on the ASUS lists 6 pure PCI busses while the one on the Shuttle  
> lists only 3. Both MB's have only one IO APIC. The BIOSes are clearly  
> very different. Shuttle's is more 'raw'.  
>  
> -Matt  
>

-Current's GENERIC has SMP enabled by default (and the nve driver) so I would assume the recent snapshots would have it enable as well.

[ftp://ftp.freebsd.org/pub/FreeBSD/snapshots/Nov\\_2005/7-CURRENT-SNAP009-amd64-bootonly.iso](ftp://ftp.freebsd.org/pub/FreeBSD/snapshots/Nov_2005/7-CURRENT-SNAP009-amd64-bootonly.iso)

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freebsd-current@freebsd.org mailing list

freebsd-current: Re: Side note on Shuttle XPC / AMD X2 (SN95G5V3) (Re: [PATCH] nve(4) locking cleanup)

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