

# Re: AMD and Asus motherboard compatibility with Linux

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*Source:* <http://linux.derkeiler.com/Newsgroups/alt.os.linux.suse/2007-05/msg01148.html>

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- *From:* aRu <none@xxxxxxxxxxxxxx>
  - *Date:* Wed, 30 May 2007 18:36:38 GMT
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dan say wrote:

aRu wrote:

dan say wrote:

Looking to by a new PC box  
AMD Athlon 64X2 4600 CPU  
1 Gig or more RAM  
ASUS M2N4-SLI motherboard  
adding the Geforce 6300 video card

Now I get hints in reading google searches on the motherboard numbers that there is some incompatibility in installing Linux.

Well, I am running the M2N32SLI Deluxe from ASUS and I am dual booting with openSUSE 10.2. It did install with some problems: I had to install using the 'noapic' command originally. Also, I had an issue where the LAN would not work in linux if I rebooted from Windows and loaded linux immediately. I had to totally power off the machine and turn off the power supply. Then, I rebooted and everything was fine -internet worked, etc. It is a nice os. On a side note, I would get 2 gigs of ram, just because you will be glad later. Also, perhaps a better cpu, the AMDs are down in price and you'll appreciate the extra oomph later too... Finally, you may just need to flash the bios once you get the board in your hands...  
/.aRu

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That's the kind of confirmation news I wanted to hear. Did you consider any other mobos?

Re: AMD and Asus motherboard compatibility with Linux

Yes, the board supports 8 Gig and I thought of getting 4 gig for vmware and running various This noapic sounds like the Knoppix 5.1.1 "broken bios" options. Once it was installed you could ignore a "no apic" line?

Now flashing a BIOS can invite troubles. Which number of BIOS update did you use? 704? And the phrase "may just need to flash" implies that you didn't flash it.

M@N boards don't have a video on board, what did you use? Oops, I'm looking at your signature and there it is  
-- quote ---

<SNIP>

Thanks for the confirmation

Well, I believe I use the noapic command everytime I load up 10.2. Everything works as far as I have seen so far. I did not consider other boards, really. I read and researched for about a month before dropping the cash for the system you see in my sig. I did not flash the bios, I have the same one the board shipped with (4.06)...

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My Rig:

MB: Asus M2N32-SLI Deluxe Wireless board  
CPU: AMD X2 4200  
RAM: 2 gb Corsair XMS2 DDR2 800 RAM  
VIDEO: MSI NX7600GT VT2D 256 Geforce 7600GT,  
STORAGE DRIVE: Western Digital WD3200KS 320 gb sata drive  
BOOT DRIVE: Western Digital 150 gb Raptor  
External Drive: Western Digital 320 GB Dual-Option Backup  
OPTICALS: 2 lite on optical drives; dvd and (DVD RW-DVD/R-DL DVD Multi-Recorder)  
CASE: Cooler Master Mystique 631 case  
POWER SUPPLY: Cooler Master SLI 550w Power Supply  
Wireless: Realtek RTL8187 802.11g 54mps USB 2.0 Network Adapter  
Printer: HP Laserjet 1020  
MONITOR: Viewsonic 19" WS VA1912wb  
Primary O.S.: Windows XP SP2 (32Bit Edition)  
Secondary O.S.: openSUSE 10.2 64 Bit Edition

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