

Re: asrock, problem with nic after windows-boot – Exact Opposite issue the OP is having

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- *From:* "iforone" <floydstestemail@xxxxxxxxx>
 - *Date:* 11 Jun 2006 13:06:08 -0700
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Moe Trin wrote:

OK – let's clarify this – when you reboot to get it to work, is this a power-cycle (or front panel reset button), or just the three-finger-salute?

It doesn't seem to matter whether or not ctrl+alt+del was used – or logout/shutdown, from the Debian(KDE) menu, or if it's from a 'cold' boot – no difference either way :-(

The rationale is that a power-cycle or front panel reset switch does a full hardware reset – there actually is a wire on the motherboard going to all ISA and/or PCI sockets and the "important" chips on the motherboard (such as the CPU) labeled /RESET.

I like to think of myself as more of a 'hardware' guy than 'software' guy, and you seem to have quite a good understanding of hardware (especially older systems) – which leads me to my question about a "RESET" button; which I thought was mostly/only specifically related to AT systems (of which I have an old P166 that's in a BabyAT case). Everything after – I thought was _ATX_.

Basically, my understanding is: The AT systems had/have Full power(120v AC) running to the actual On/Off switch (which caused many a zapper for some – and allows for a RESET front panel button [and "turbo" mode :-]), and the Mobo could (potentially and literally) blowup in your face, if one forgot to discharge the capacitors, and/or unplug the power -- which is why ATX was introduced. (I'm sure there are other reasons too, that I can't recall ATM).

Dragging that "low" for <mumble> clock cycles resets all hardware to a known state. The three-finger-salute on the other hand, just generates a signal to the operating system ALONE to start running some piece of code

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I have always understood this t