

# Install troubles -- ioapic.c NOT ...

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[TomVleminckx](#) 2 posts since

Nov 17, 2008

I just tried to install ESXi on a new machine, I get a purple screen saying:

NOT\_IMPLEMENTED /build/mts/release/bora-110271/boravmkernel/hardware/ioapic.c:592

I tried Update 2 & Update 3 of ESXi, both have the same problem.

I guess I have a hardware incompatibility, but no clue where to start? disk, motherboard, nic ...

fyi the machine is based upon an intel D5400XS board with 2 quad core xeon processors.

thanks in advance,

Tom Tags: esxi\_3.5



[nick.couchman](#) 4,969 posts since

Jan 13, 2006 1. **Re: Install troubles -- ioapic.c NOT implemented** Dec 17, 2008 1:01 PM

Check the BIOS and make sure the ACPI and APIC are enabled?



[msonic](#) 2 posts since

Feb 13, 2009 2. **Re: Install troubles -- ioapic.c NOT implemented** Feb 13, 2009 9:53 AM

I am in the same boat right now, did you ever get this worked out with the Intel board?

Thanks,

Max



[Dave.Mishchen...](#) 8,943 posts since

Nov 15, 2005 3. **Re: Install troubles -- ioapic.c NOT implemented** Feb 14, 2009 12:28 AM

👤 in response to: [msonic](#) You might want to ensure that you're running the latest BIOS for the MB.



[msonic](#) 2 posts since

Feb 13, 2009 4. **Re: Install troubles -- ioapic.c NOT implemented** Feb 17, 2009 3:17 PM

👤 in response to: [Dave.Mishchen...](#)

I did flash to the latest BIOS and played with a number of settings such as configuring SATA as IDE, AHCI, RAID but I still PSOD during the install. I'm considering using Xen Server Xpress or Vmware Server 2 on Ubuntu as alternatives.

Thanx



[Puster](#) 1 posts since

Install troubles -- ioapic.c NOT ...

Mar 6, 2009 5. **Re: Install troubles -- ioapic.c NOT implemented** Mar 6, 2009 1:32 AM

 in response to: [msonic](#) Hi everybody,

has this problem ever been solved?

For right now I have the same problem here.

We are using an AMD-board though.

Thanx

Message was edited by: Puster



[automaticit](#) 1 posts since

May 9, 2006 6. **Re: Install troubles -- ioapic.c NOT implemented** Jun 6, 2009 12:09 PM

We have the same issue with ESXi 4. Intel D5400XS, BIOS level XS54010J, and our message in PSOD is similar:

NOT\_IMPLEMENTED bora/vmkernel/hardware/ioapic.c:592

The problem likely has something to do with Intel's implementation of ACPI, because on the same board OpenSolaris will install but when booting the new installation off the hard disk it panics, and Ubuntu 8.10 Desktop complains about ACPI with "ACPI invalid PBLK length" messages but still installs, loads and runs.

"Hackintosh" Apple OS X however, reportedly installs and runs without problems on these boards. I've loaded Ubuntu 9.04 Desktop 64-bit onto this board and will use it to host KVM instead for our bake off, and will evaluate ESXi off a board selected from the [ESX whitebox HCL list](#). Lesson learned: ESX is a lot more sensitive to hardware variances than Debian strains of Linux. If someone at VMWare wants to play around with a sample D5400XS board populated with processor, heatsink and RAM and with the power supply, we have an extra one we won't need on our bench for 4-5 months that we can lend for the engineers to poke and prod to see if they can figure out why ESXi won't load from it.



[AndreTheGiant](#) 5,916 posts since

Aug 28, 2008 7. **Re: Install troubles -- ioapic.c NOT implemented** Jun 6, 2009 10:24 PM

If your BIOS and mother does not support APIC (or have a buggy implementation) you can try to disable it during installation and boot (noapic option).

[Enabling Interrupts Preventing Install of ESXi?](#)

Andre

\*\*if you found this or any other answer useful please consider allocating points for helpful or correct answers