

Ultra ATA problem!

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Hi!

I have problems running my disk a Maxtor 200 gig Diamond 9 plus 8mb cache in ATA 100/133 i.e Ultra DMA Mode 5...

I have done the following:

My mainboard is Abit IC7-Max3 and I've used a IDE ATA 133-cable which was included with the mainboard. I've connected the single end blue connector to the IDE 1 port on the motherboard and the black connector into the disk drive. I guess I can't have done anything wrong with the physical installation..?

I've flashed my bios to the latest available from april this year.

In the bios settings, all vital settings are set to auto and the bios has no problem to identify my drive.

I've got windows XP Sp1 and all updates installed. I've downloaded the Intel-info-file (ver. 5) to help the Xp to identify my disk drive at optimal settings.

I've used the native XP drivers and then the drives on the CD delivered with the motherboard...

When I used a software to measure the speed of my hard drive. It shows that I only run at ATA 66 which makes my system a lot slower :(

I remembered that Intel supplies Intel Application Accelerator 2.3 but it does not support the 875p-chipset!! Intel states that they no longer support development of drivers except for on RAID-systems and that they think that the Windows XP native drivers are good enough...!!

Maxtor, the producer of my drive, doesn't provide drivers only for their Ultra ATA controller card...

Windows update does not provide any newer drivers than 2001-xx-xx or am I wrong? The drivers from my motherboarddisk are never but it doesn't improve the speed of my drives...

It felt hopeless when I noticed something strange in the devicemanager! If I expand the IDE ATA/ATAPI-controllers I find:

2 of INTEL(R)82801EB Ultra ATA Storage controllers
2 of primary IDE-Channel
2 of secondary IDE-channel

Is this normal? Should I have two of these???

If I look at the 82801EB controllers I can't find any differences between them!

But if I look at my 2 primary IDE-channels I can find differences! In the "Transfer Mode" states: DMA if Available and "the current setting" is set to "ULTRA DMA MODE 5"

But on the other primary IDE-channel has a different configuration!?!?

It states:

In the "Transfer Mode" states: DMA if Available and "the current setting" is set to "NOT AVAILABLE"

I guess this is part of my problem... I tried to remove the extra devices but then XP will reinstall them every time I reboot!

Could anyone help me? I would like to add that I've searched through the Microsoft knowledge library without success.

Best Regards,
Anders