Technical Reference - Q&A

1. **Q: When I play some video or audio media files through my IDE optical devices (CD-ROM and DVD-ROM). I feel that the video/audio playback is not smooth. What should I do?**

A: It might be that the CDROM is transferring in PIO mode instead of DMA mode. It is highly recommended to enable the DMA function of your IDE optical devices (CD-ROM or DVD-ROM) in order to reduce the CPU loading when accessing optical discs. Please follow the bellow procedure to enable DMA mode.

In **Windows 2000/XP**, assuming that your IDE optical device is connected on secondary IDE channel as master drive,
1. Right click the **"My computer"** icon, select **"Properties"**. Then, select **"Hardware"**----**"Device Manager"**.
2. In **"Device Manager"**, select **"IDE ATA/ATAPI controllers"**----double click **"Secondary IDE Channel"**.
3. In **"Secondary IDE Channel Properties"**, select **"Advance Settings"** and adjust the **"Transfer Mode"** of the CDROM (Device 0) from **"PIO Only"** to **"DMA if available"**.
4. Click **"OK"**.

In **Windows 98SE/ME**,
1. Right click the **"My computer"** icon, select **"Properties"**. Then, select **"Device Manager"**.
2. In **"Device Manager"**, double click **"CDROM"**. Then, double click your optical device under **"CDROM"**.
3. In the new window which displays the optical device properties, select **"Settings"**. Then, check the **"DMA"** box in **"Options"**.
4. Click **"OK"**.

2. **Q: My motherboard is K7S8XE, what is the function of USB 2.0 controller option in the BIOS setup?**

A: If USB 2.0 controller is disabled, the USB controller will be 1.1 only. We realized that some USB devices, especially external USB box of hard disk drive, are over the USB 2.0 specification and it may not be recognized in the Windows OS. Under this situation, please disable the USB 2.0 controller.

3. Q: Which ASRock motherboard can support "Flexibility" function?

A: Please refer to below tables for Flexibility support. Please also note that the BIOS must be same or later version.
Click here to view the latest support list

AMD Series	
Model	**BIOS version**
746FX-M	V1.00
K7S41	V1.10
K7S41GX	V1.30

Intel Series	
Model	**BIOS version**
GE Pro-M2	V1.90
P4S55FX	V1.00
P4S55FX+	V1.00
P4S61	V1.70
P4VT8+	V1.00