Technical Reference - Q&A

1. **Q: I'm using Duron 1600MHz Applebred CPU on your K7 series motherboard. How come the CPU is only recognized as a Duron 1200MHz CPU?**

A: The FSB of Duron Applebred CPU (1400MHz to 1800MHz) is 266MHz. It is different from the former Duron CPU (FSB 200MHz). Please remember to adjust the FSB_SEL jumper to FSB 266MHz while using a Duron Applebred CPU.

http://www.asrock.com/support/instruction/Jumper setting K7.pdf

2. **Q: I'm using Intel chipset based motherboard. After installing Win98SE and all drivers, the data transfer rate from IDE devices (HDD or CDROM) seems not fast enough. Is there any thing I can do?**

A: When installing Win98SE on Intel chipset based motherboard, please remember to enable the DMA mode to increase the IDE performance. To enable DMA mode in Win98SE, please go to "System"---"Device Manager"----"Disk Drives"----"Generic IDE Disk Type47" and manually check the "DMA" box in "Generic IDE Disk Type47".

3. **Q: My motherboard is SiS chipset based K7S8XE, why my USB 2.0 hard disk box can not be recognized under Windows XP?**

A: We have experienced that some USB 2.0 boxes may not conscientiously follow the USB 2.0 specification to design, so it cannot operate properly with USB 2.0 specification. Please update the newest BIOS, and then disable the USB 2.0 controller in the BIOS SETUP. At this moment, the USB 2.0 box may have chance to operate with USB 1.1 specification.

4. **Q: In the beginning of P4VT8 SATA driver diskette creating process, my USB keyboard seems doesn't work. What should I do?**

A: In order to fix this problem, please go to BIOS SETUP→Advanced menu→Chipset Configuration→USB Device Legacy Support and set it to "Enable". For best system stability, please set it back to "Disable" after the SATA driver diskette creating process.

5. Q: When I try to create my K7S8XE+ SATA driver diskette and boot up with the driver CD, the system locks up. What should I do now?

A: Before the SATA driver diskette creating process, please go to BIOS SETUP→Advanced menu→Peripheral Configuration→Onboard SATA and set it to "Disable".
After the driver diskette creating process completed, please set Onboard SATA back to "Enable" in the BIOS.

6. Q:With 3Com /Intel Gigabit LAN card installed, my system cannot connect to the Internet if PC-cillin 2002 personal firewall is enabled. How do I solve it?

A: Please update the driver for PC-cillin 2002 personal firewall. The solution is available from Trend Micro Web Site.

English version :
http://kb.trendmicro.com/solutions/solutionDetail.asp?solutionID=17007

Chinese version :
http://www.trendmicro.com.tw/solutionbank/consumer/Show_SB.asp?L1ClassNo=5&L2ClassNo=28&SBNo=1081

7. Q: Are there any requirements if I use AMD FSB 333/400 CPU on K7S8X(E) series boards?

A: Since the speed of AMD FSB 333/400 CPU is higher, it is important to dissipate heat from processor. Please choose powerful and proper heat sink for your system.