

Technical Reference - Q&A

1. Q: Do ASRock K7 motherboards support the latest Applebred Duron CPU with FSB266 MHz, such as 1400MHz, 1600MHz, and 1800MHz?(K7 Series)

A: Yes, all ASRock K7 motherboards had been tested with Applebred Duron CPU without problem. Please refer to http://www.asrock.com/support/CPU_Support/AMD-support.htm

2. Q: I'm using an ASRock motherboard which supports Hyper-Threading technology. How come there is no Hyper-Threading technology option in BIOS setup?(motherboards support HT)

A: The Hyper-Threading technology option in BIOS will appear only when a Hyper-Threading technology CPU is installed.

3. Q: When I was installing the Windows 98SE on K7VT4-4X motherboard, the H/W info error message appeared while last 3 minutes of installation, what should I do?(K7VT4-4X)

A: Please make sure the year is correctly set in BIOS setup. For example: year 2003.

4. Q: I'm using Intel FSB 400 MHz CPU, why does my DDR 333 SDRAM only run DDR 266 on P4i45GV?(P5i45GV)

A: According to the Intel's specification, if you're running FSB 400 MHz CPU on P4i45GV, DDR SDRAM only supports 200/266. If you're running FSB 533 MHz CPU, DDR SDRAM supports 266/333.

5. Q: I'm using ALi chipset based motherboard, P4AL-8X and P4AL-800. How can I install Linux correctly on them?(P4AL-8X(M), P4AL-800(M))

A: When installing Linux which the Kernel version is order than 2.4.21 on P4AL-8X or P4AL-800, please follow the bellow procedure.

1.) When installing Linux, at the page choosing the installation between "Graphic mode" or "Text mode", please type "**boot: linux pci=conf2**" to complete the

installation.

- 2.) After the installation, in the GRUB boot up menu, please press “a” to modify the kernel argument. Please type “**ro root=LABEL=/ pci=conf2**” in order to boot up correctly.
- 3.) Download the latest Kernel from <http://www.kernel.org/pub/linux/kernel/> , for example, [linux-2.4.22.tar.gz](#) from another system.
- 4.) Copy the latest Kernel into this Linux system.
- 5.) Compile the latest Kernel.

For further Linux information about ALi chipset, please visit

http://www.ali.com.tw/eng/support/support_faq_linux.htm