0.Technical Reference -

Q&A

1. Q: My hard drives are Maxtor Diamond MAX 10 and MaxLine III SATA 250 GB and 300 GB with 16 MB cache buffer. My hard drives can not be detected correctly during the POST, what can I do?

A: Please update to the newest BIOS of motherboard. If you still encounter problem, please contact Maxtor and update to the newest firmware of hard drives.

2. Q: If I use a SATA HDD and an IDE HDD together on P4i65GV, how do I boot from SATA HDD?

A: If you connect SATA HDD and IDE HDD together on P4i65GV, you will see an item of the BIOS setting- Hard Disk Drives (please refer to the following pictures).
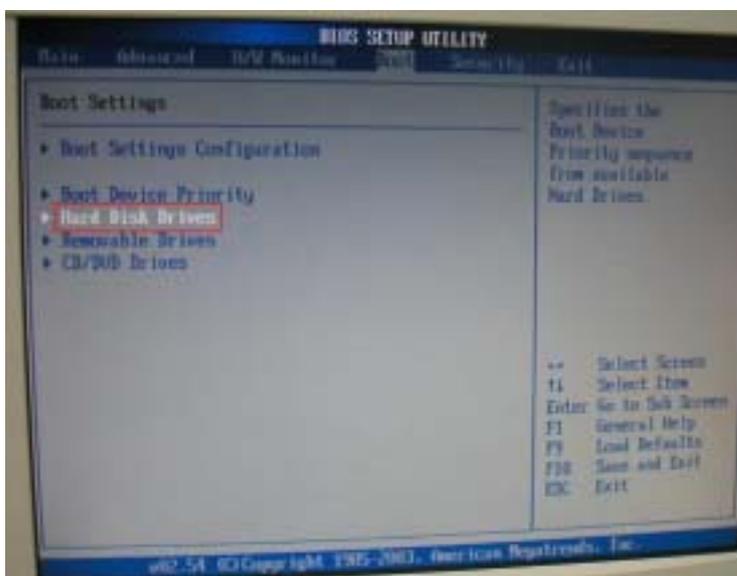
Please entry the setting, choose your SATA drive as the "1st Drive" and then press

"F10" to save the setting and exit.
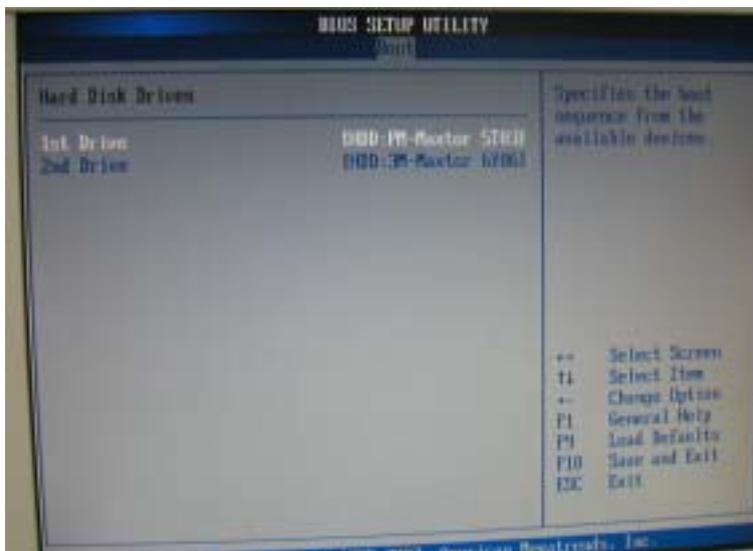
3. Q: If I use only one 128MB memory on the ASRock board with integrated VGA (ex.

K7VM3, K7S41/GX, etc...), what share memory size should I choose?

A: Since the share memory uses the system memory, for better system

performance, we recommend you to set share memory size to 32MB or less in the

BIOS setting. (For Intel chipset based motherboards, please refer to TSD-QA-08

(June, 13th, 2003) http://www.asrock.com/support/QA/TSDQA-08.pdf)
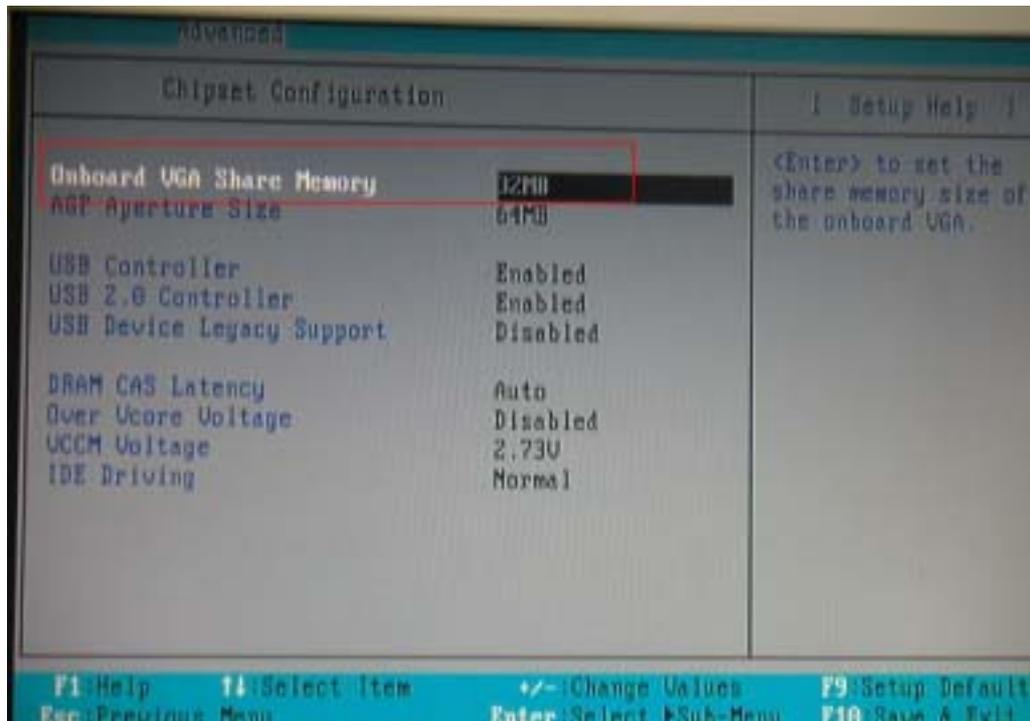
4. Q: I want to install Linux Red Hat 9.0 with HT CPU on my P4i65GV. After installation

completed and entered into OS, there are two kinds of OS for choosing: 2.4.20-8smp,

and 2.4.20-8. When entering into OS 2.4.20-8smp and selecting shut down, it will not

shut down properly. How should I solve the problem?

A: All ASRock motherboards support ACPI. Since Red Hat 9.0 is APM mode O/S,

please refer to http://www.asrock.com/support/Download/P4i65GV1.80M.htm to

download special BIOS which supports APM. After special BIOS updated, please

type the command "Linux apm=power_off" at the beginning of Linux Red Hat 9.0

installation.