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POWER ON SELF TEST (POST)

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AMIBIOS(C)2007 American Megatrends, Inc.
ASUS P5KPL ACPI BIOS Revision 0603
CPU : Intel(R) Pentium(R) Dual CPU E2180 @ 2.00GHz
 Speed : 2.51 GHz   Count : 2

Press DEL to run Setup
Press F8 for BBS POPUP
DDR2-667 in Dual-Channel Interleaved Mode
Initializing USB Controllers .. Done.
3584MB OK

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64-0603-000001-00101111-022908-Bearlake-A0820000-Y2KC

POWER ON SELF TEST

❑ happens each time you turn the computer on

❑ automated test that is controlled by the BIOS

❑ happens during the BOOT process

POWER ON SELF TEST

❏ checks that basic system devices are present and working properly, like the keyboard and other peripheral devices, and other hardware elements like the processor, storage devices, and memory

POWER ON SELF TEST

First step of the POST, which is operated by the BIOS,

- verify the BIOS code

POWER ON SELF TEST

After it has completed that, the POST then continues to

- check all the computer hardware

POWER ON SELF TEST

If there are no errors the POST will proceed very quickly.

POWER ON SELF TEST

However if any errors are found, these will be displayed via an error message, or if the video hasn't been turned on, or if there is some error in it, then the computer will make a number of beeps (known as **POST beep codes**)

POWER ON SELF TEST

The computer may make one or two beeps on startup anyway, however these are **normal**.

It is only when the beep continues and computer does not start up correctly. Then you may have problems.

REMEMBER

☐ POST doesn't rely on any specific operating system. In fact, there doesn't even need to be an OS installed on a hard drive for the POST to run. This is because the test is handled by the system's BIOS, not any installed software.

https://www.lifewire.com/what-is-post-2625953

End of presentation

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