Advantech AE Technical Share Document

Date	2019/5/15	Release Note	□ Internal ■□ External
Category	■ FAQ □ SOP	Related OS	Windows/Linux
Abstract	Why the default setting of power button is different in different BIOS of AIMB-705 and 785?		
Keyword	ACPI,Power button,BIOS, shutdown,sleep,mobile,desktop		
Related Product	AIMB-705,AIMB-785		

■ **Problem Description:**

When we install new OS (ex:Win10) in BIOS V2.01 and V2.02 of AIMB-705, or V2.02 and V2.03 of AIMB-785, the default setting of power button is differen.
In AIMB-705(BIOS V2.01) and AIMB-785(BIOS V2.02) is sleep, but AIMB-705(BIOS V2.02) and AIMB-785(BIOS V2.03) is shutdown.
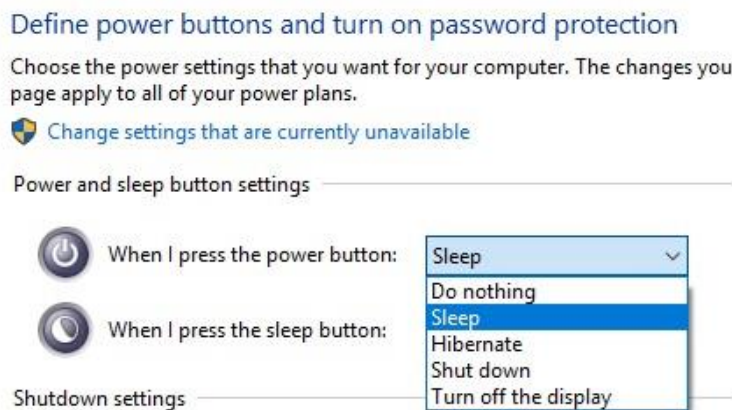
■ **Problem Analysis:**

That is because we have modified the ACPI table in the BIOS v2.01 (AIMB-705) and V2.02(AIMB-785).
Modify PCsystemtype show "1", which means the system belongs to desktop.

The default of BIOS code base is set mobile type, so we modified it to desktop type in these BIOS version.

Different PC type which will cause different default power setting during OS installation. Which mean it doesn't effect the existing OS after BIOS updating.

■ **Brief Solution - Step by Step:**

Because it just effect the default behave of power button in OS, and those power function are still working well, so customer can manualy to set the setting; in addition, it doesn't have effect in existing OS.

So we don't have the plan to modify back to mobile type in ACPI table.

■ **Contact Window and File Link:**

If you have any questions, please contact Mojo.Huang #1237
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