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## MONITOR POWER BUTTON IN INTEGRATED COMPUTING DEVICE OR PLATFORM

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## **Monitor Power Button in Integrated Computing Device or Platform**

**Abstract:** An additional monitor power button or key allows the monitor of an integrated computing device or computing platform to be turned off immediately, and independently of system power.

This disclosure relates to the field of integrated computing devices and platforms.

A technique is disclosed that allows the monitor of an integrated computing device or computing platform to be turned off immediately and independently of system power.

Integrated computing devices such as, for example, laptop, notebook, and tablet computers, among others, include a monitor or display that is integrated with a base portion of the device. For privacy and/or other reasons, a user may want to turn off the display of the monitor immediately, without waiting for the computer itself to turn off. Laptop and notebook computers, for example, have a system power button to turn the computer off, but the monitor remains on during the computer shutdown process which may take as long as a minute, or even longer. Or, the user may want the computing device to continue to operate in his or her absence without the monitor remaining on during this time. And in the case of an integrated server computer, there is no need for the monitor to be on except during system maintenance.

In some cases, the monitor screen can be configured by system software to turn off after a particular period of user inactivity, but it can be inadvertently turned on again by an accidental touch or movement of the keyboard, mouse, and/or touchpad.

According to the present disclosure, a physical "monitor power" button or key is provided that immediately turns the monitor screen off when pressed. This button or key is in addition to the existing "system power" button or key of the system. The monitor power button's operation is implemented in electronic hardware, without any change being made to the software or firmware that implements the computing device's system power behavior. The monitor power button or key is implemented in a manner similar to that of a standalone monitor.

The disclosed technique advantageously increases system battery life for computing devices that include integrated monitors; increases monitor life; and provides data privacy.

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