Adding An Additional Power Switch to a Computer

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TuCSon Computer Society

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An International Association of Technology & Computer User Groups

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SUMMARY

You can add a power switch to your PC either **inside the case** (replacing or supplementing the built-in one) or **outside the case** for easier access. The key is to connect it to the motherboard's **PWR_SW** (power switch) header.

WHAT YOU WILL NEED..

- A momentary push-on/push-off switch (PC-rated).
  See https://blog.silverpc.hu/2025/10/20/want-to-attach-a-custom-power-button-to-your-pc-heres-the-definitive-guide/

WHAT YOU WILL NEED.. (continued)

- https://www.amazon.com/dp/B0CDXRVF9W:
  The three options are only important if you want the computer's motherboard to light up the optional LED that is part of the push button switch:



WIRE COLORS

- The green and white leads go to the add-on push-button switch
- The optional red and black leads go to the optional LED that is part of the add-on push-button switch
- The optional red lead goes to the + side of the optionl LED
- The optional black lead goes to the - side of the optional LED

Zunate White Mechanical Blue Switch PC Power On/Off Switch, Desk Mount, 1 Count, Manual Operation, Push Actuator

Visit the Zunate Store

Search this page

$8.89 Price history

Get a $200 Amazon Gift Card instantly
upon approval and acceptance of the Prime Business Card. No annual fee.

prime **Tomorrow**

Size: **Colorful Light 4m**

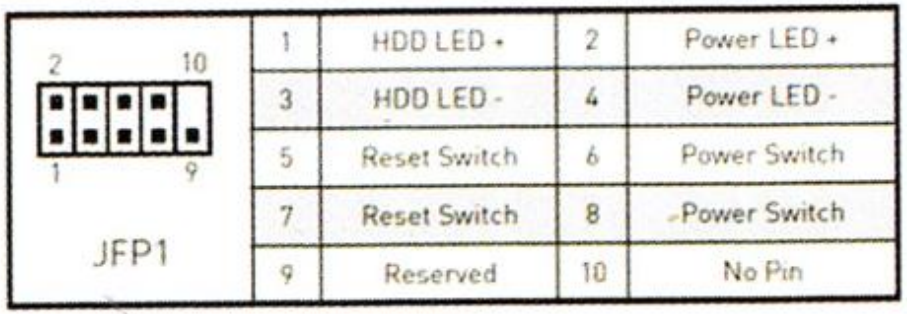


Installation method

1. Turn off your computer and disassable the side panel of your computer case

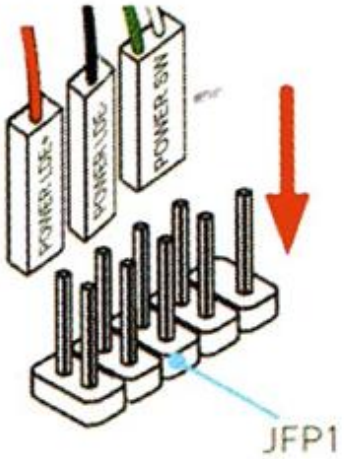
2. Find the correct hole position from the rear part of the chassis, and lead the cable into the chassis.

3. Find the jumper position of power on and power LED terminals on the mainboard,replace the jumpers in turn and install them in place.



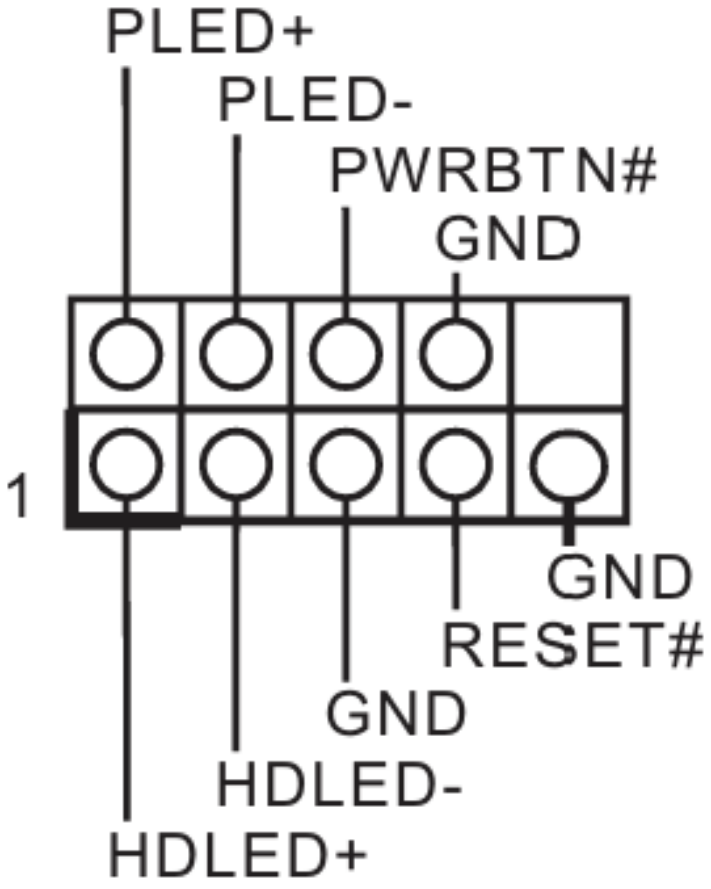
1	HDD LED +	2	Power LED +
3	HDD LED -	4	Power LED -
5	Reset Switch	6	Power Switch
7	Reset Switch	8	Power Switch
9	Reserved	10	No Pin

Diagram (depending on the motherboard model)

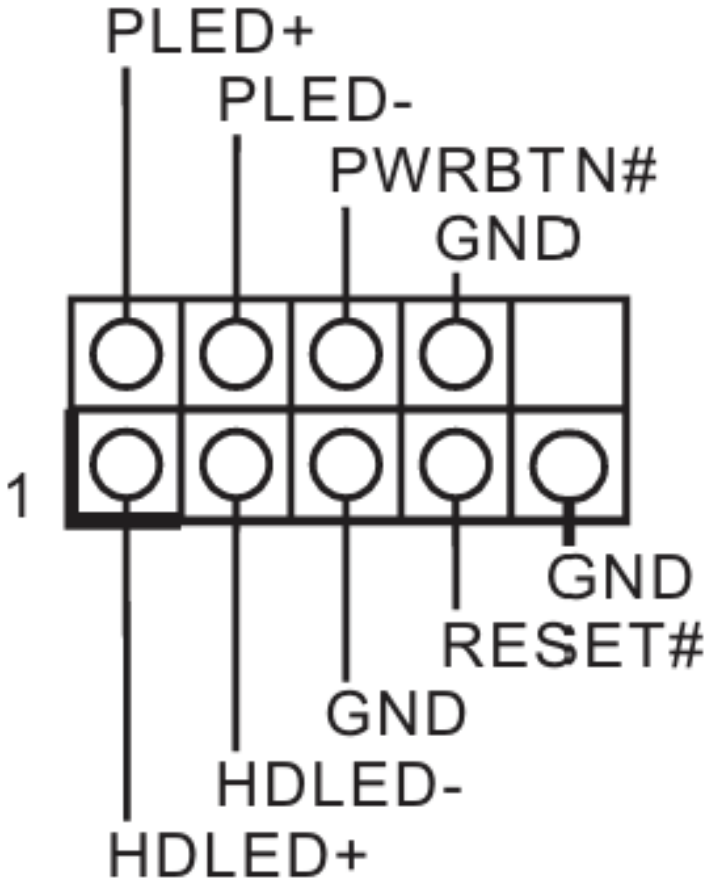


4. If you want to retain these functions on the front panel, you need to use the splitter cable for switching.

PANEL1



PANEL1



TO LOCATE THE OWNERS MANUAL OF YOUR COMPUTER'S MOTHERBOARD:

You can find your motherboard's **manufacturer (MFR)** and **model number** without opening the case, using built-in Windows tools or other methods.

1. **Using Windows System Information (msinfo32)** Press **Windows + R** to open the Run dialog.

Type msinfo32 and press **Enter**.

TO LOCATE THE OWNERS MANUAL OF YOUR COMPUTER'S MOTHERBOARD: (continued)

Type msinfo32 and press **Enter**.

In the **System Information** window, select **System Summary** from the left pane.

Look for:

Baseboard Manufacturer – your motherboard's MFR.

BaseBoard Product – the model number.

BaseBoard Version – optional version info.

TO LOCATE THE OWNERS MANUAL OF YOUR COMPUTER'S MOTHERBOARD: (continued)

3. Using PowerShell (Get-CimInstance)

Press **Windows + R**, type powershell, and press **Enter**.

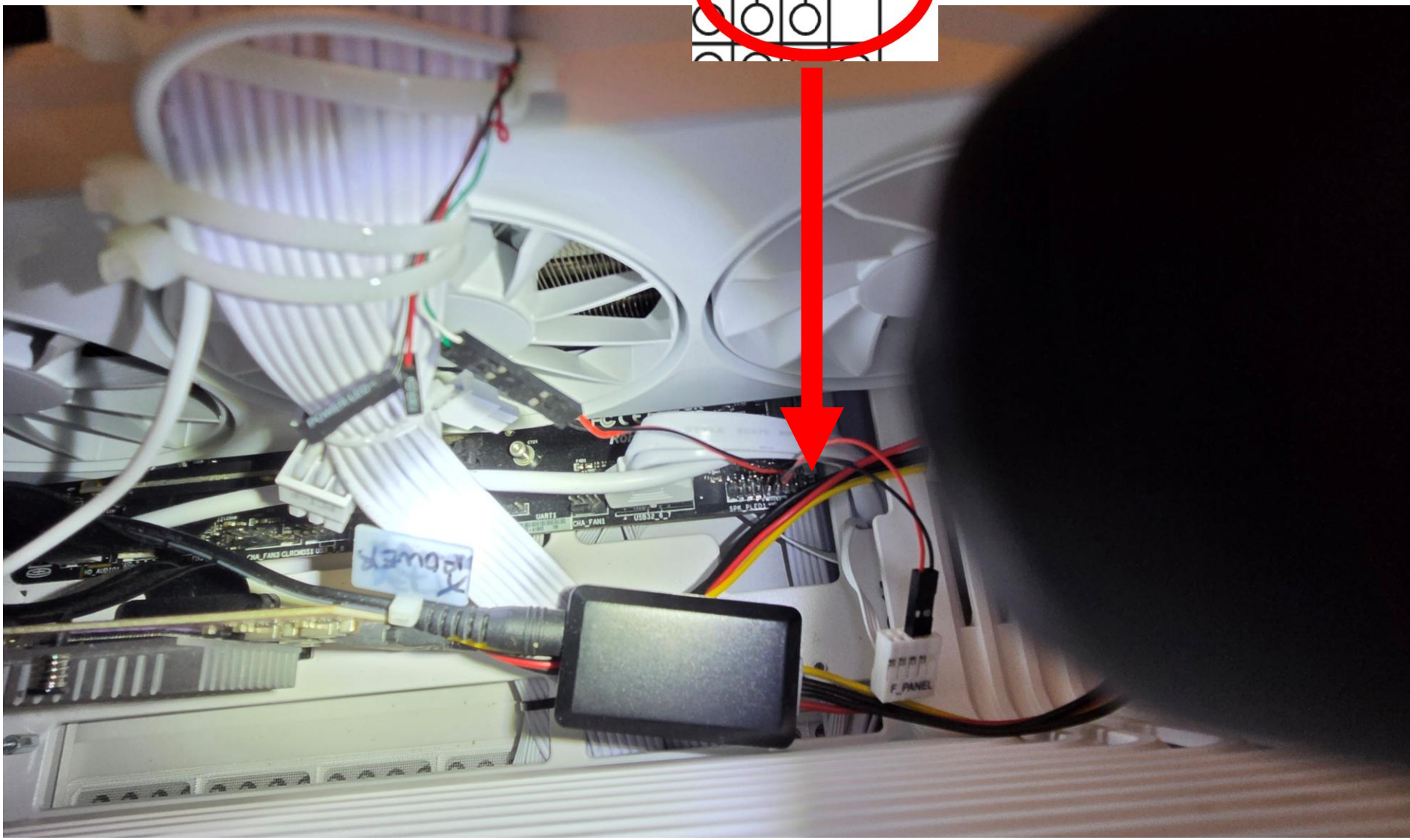
Type or copy the following into the PowerShell prompt:

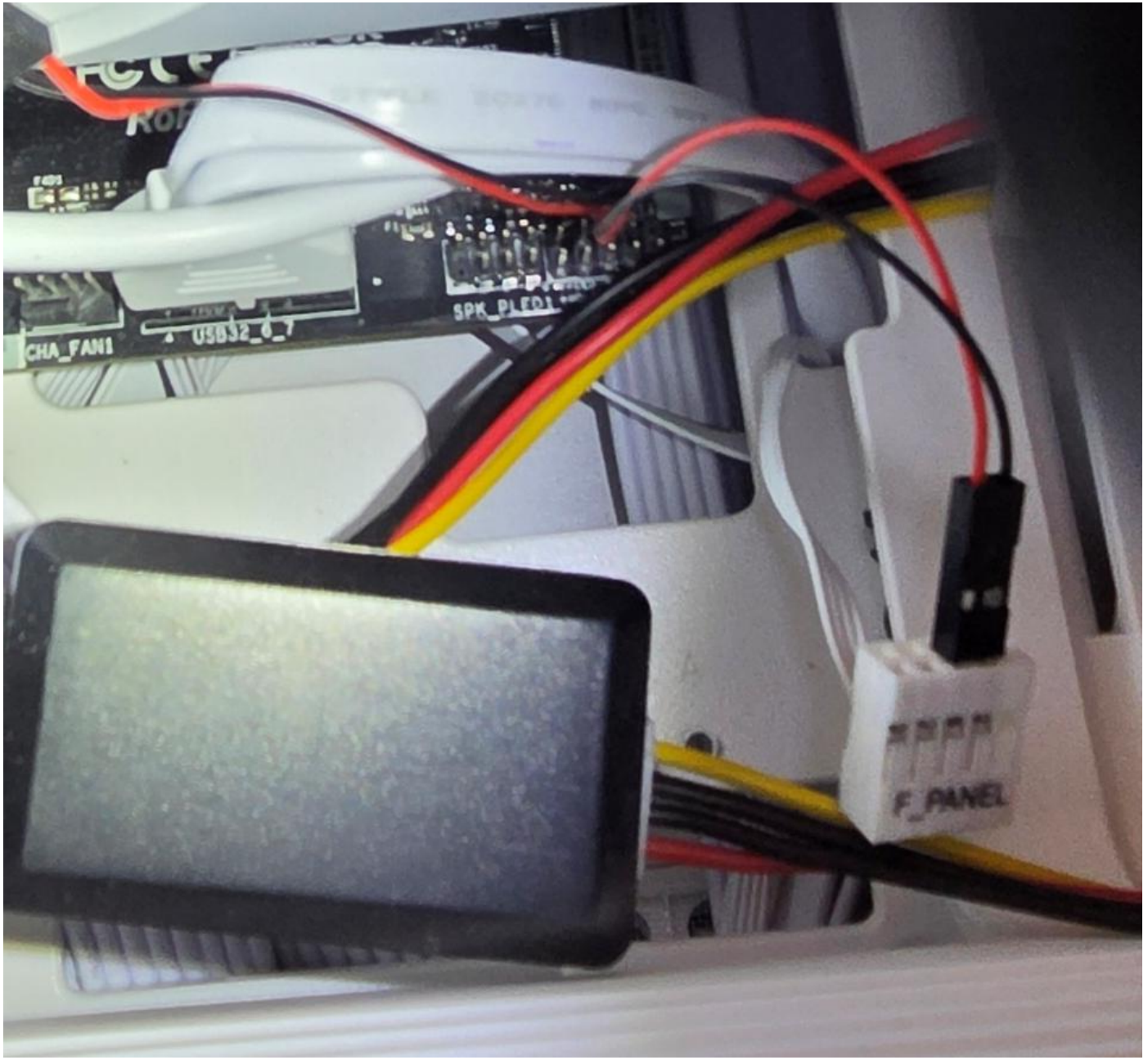
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Get-CimInstance -ClassName Win32_BaseBoard | Select-Object Manufacturer, Product, Version
```

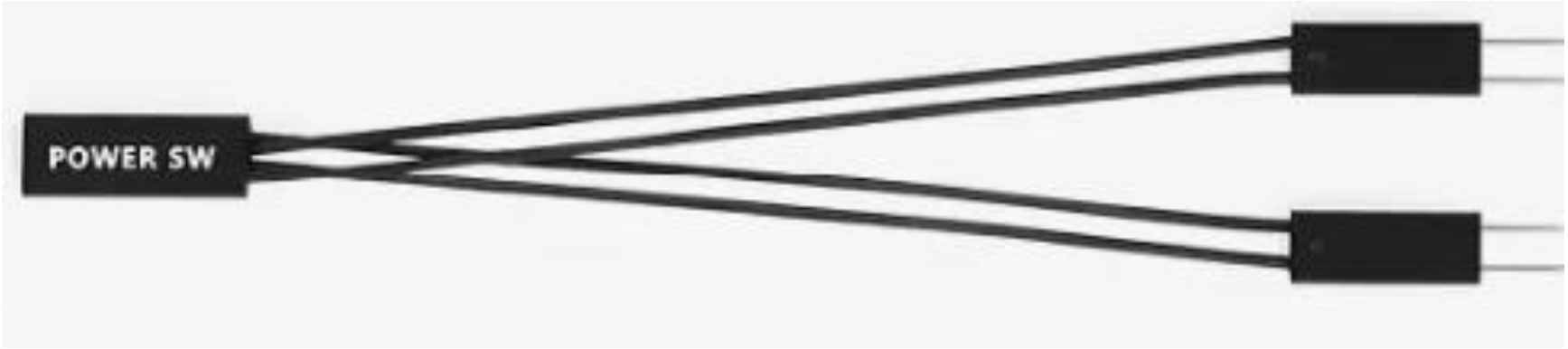
TO LOCATE THE OWNERS MANUAL OF YOUR COMPUTER'S MOTHERBOARD: (continued)

- Go to the manufacturer's Web site for the motherboard of the computer and search for the owner's manual PDF file
- Search for the power button "header" information in the owner's manual.


F_PANEL


PWRBTN#
GND


CHA_FAN1
USB32_6_7
SPK_PLED1
F_PANEL


POWER SW

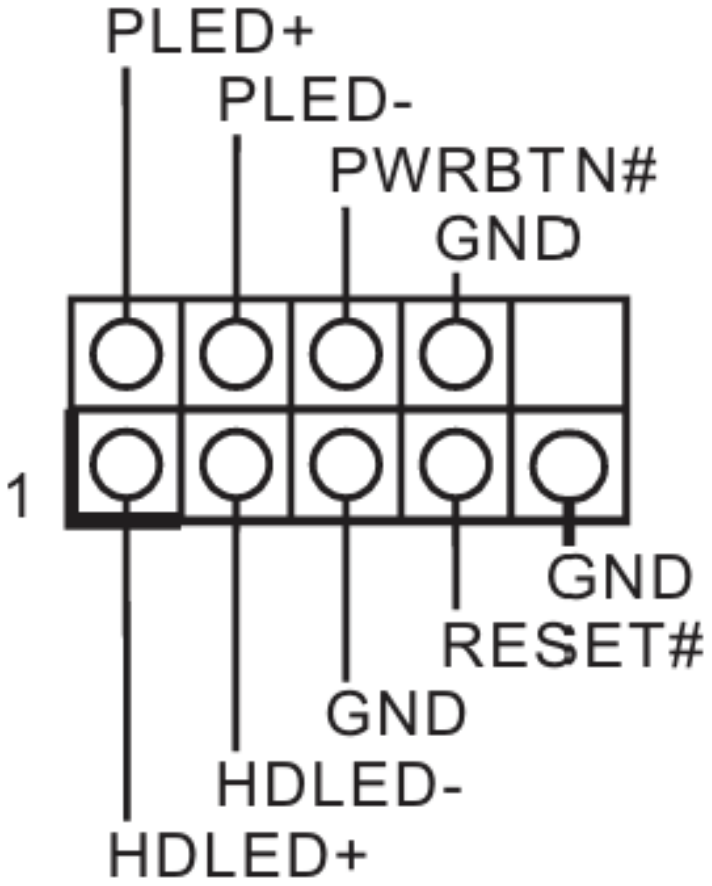

PWRBTN#
GND
POWER SW

connects to wire pair that goes to add-on momentary push button switch



connects to the existing wire bundle that goes to the push-button power-on switch, which is typically mounted on the computer case's front panel

PANEL1



PANEL1

