

# Linux - Walkthroughs

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Garuda - M1LR YANGAME401

# Fix Suspend Breaking Immediately

## Testing "Fix"

I was using a gigabyte b550i aorus motherboard that caused this, if you have this mobo or a variant you have to disable GPP0 wakeup which is a GPP bridge to the NVMe drive in M.2 slot.

Check your wakeup table using `cat /proc/acpi/wakeup` and look at GPP0. It should say `*enabled`. Using `sudo /bin/sh -c '/bin/echo GPP0 > /proc/acpi/wakeup'` you can set it to `*disabled`. PC should suspend normally then.

If it does then you can use a systemd (if you use it) service to run that command at boot.

I use this and it works.

```
[Unit]
Description=Fix for the suspend issue
[Service]
Type=oneshot
ExecStart=/bin/sh -c "echo GPP0 > /proc/acpi/wakeup"
[Install]
WantedBy=multi-user.target
```

## Creating Service to Start on Boot

Your `.service` file should look like this:

```
[Unit]
Description=Fix for the suspend issue
[Service]
Type=oneshot
ExecStart=/bin/sh -c "echo GPP0 > /proc/acpi/wakeup"
[Install]
WantedBy=multi-user.target
```

Now, take a few more steps to enable and use the `.service` file:

1. Place it in `/etc/systemd/system` folder with a name like `disableGPP0startup.service`
2. Start it:

```
sudo systemctl start disableGPP0startup.service
```

3. Enable it to run at boot:

```
sudo systemctl enable disableGPP0startup.service
```

# Debian Distros

# Disable IPv6

1. Edit the Grub config.

```
sudo nano /etc/default/grub
```

2. Append/edit the following line.

```
GRUB_CMDLINE_LINUX_DEFAULT="ipv6.disable=1 quiet" GRUB_CMDLINE_LINUX="ipv6.disable=1"
```

3. Update Grub.

```
sudo update-grub
```

4. Reboot for the changes to take effect immediately.

```
sudo reboot now
```