LINUX | Debian

[(Download)](#)

INSTALLATION NOTES
- When installing Debian, do not enter a root password. If a root password is not entered, the subsequent user becomes the root user.
  - To add a subsequent root user click [here](#).
- When partitioning disks, highlight the affected drive and press enter to get the delete prompt.

SYSTEM CONFIGURATION
- Audio:
  - Debian installs may initially register headphones instead of speakers. To confirm, go to Sound & Video > Pulse Audio Control.
  - Debian for some PC builds resets audio on restart to its lowest option.

- Keyboard Layout
  - The "Keyboard and Mouse" settings has a place to change the keyboard layout.
    - This includes setting the layout to those of Chromebooks, Chrultrabooks.

- Tile Windows
  - To tile windows, check the Keyboard tab in "Window Manager."

- Touchscreen
  - Keyboard and Mouse Settings > Mouse and Touchpad.
  - Getting the touchscreen to scroll on Firefox is a separate issue from the general touchscreen settings, requiring one code to be listed in the pam configuration file.
    - sudo nano /etc/security/pam_env.conf
      - MOZ_USE_XINPUT2 DEFAULT=1
        - Ctrl O to Save
        - [Enter]
        - Ctrl X to Exit

- Update GPU Driver
  - Unknown how to update NVIDIA drivers at this time.

POWER MANAGEMENT
- Go to "Power Management" settings
  - Go to "Lid" settings
    - Set both "On Battery" and "On AC" to suspend
  - Go to "Idle" settings
    - Set both "On Battery" and "On AC" to 30 minutes

BROWSER PREFERENCES
- Brave

- ○ Homepage: In Brave's Settings, Appearance, Show Home Button > List Homepage URL.
    - ○ Homepage: From Getting Started, New Tab Page, New Tab Page Shows > Homepage.
    - ○ Theme: In Settings, Appearance, Brave Colors > Dark.
    - ○ Search Engine: In Settings, Search Engine, Normal & Private Window > (Set Preference).
    - ○ Autoscrolling: At brave://flags/, Middle button autoscroll > Enabled.
- Librewolf
- Firefox
    - ○ Settings: General > Enable Autoscrolling & Set Default Browser.
    - ○ Firefox Extensions: ClearURLs, Privacy Badger, uBlock Origin.

DOWNLOAD APPS, PROGRAMS, SOFTWARE
- Flathub.org is the best place to get apps.
    - ○ Debian's setup page for Flathub
        - ■ To install actual apps, press the dropdown menu next to the install button, and copy/paste the code into the terminal.

LIBREOFFICE SETTINGS
- LibreWriter: Change Ribbon Color
    - ○ Tools > Options > View > Theme: Colibre

NVIDIA GPU DRIVER SETUP (Video)
- Update System
    - ○ sudo apt update && sudo apt upgrade -y
- To check driver(s)
    - ○ lspci -k | grep -EA3 'VGA|3D|Display'
- Check, Download Needed Driver
- Check to see if Nouveau is loaded
    - ○ lsmod | grep nouveau
- Initiate blacklist
    - ○ cd /etc/modprobe.d
- list devices
    - ○ ls
- Open configuration
    - ○ sudo touch blacklist-nouveau.conf
- blacklist
    - ○ sudo nano blacklist-nouveau.conf
- Enter command lines, leaving a blank line after the pair
    - ○ blacklist nouveau
    - ○ options nouveau modeset=0
        - ■ Save and exit
- Apply configuration
    - ○ sudo update-initramfs -u
        - ■ This command will need to run for a while
- Install dependencies
    - ○ sudo apt install -y build-essential linux-headers-amd64 pkg-config libglvnd-dev
- Disable graphical interface
    - ○ sudo systemctl set-default multi-user.target
- Reboot system
    - ○ Sudo reboot

- You will now be in a terminal interface with no GUI
  - Enter your username
  - Enter the password
  - Enter sudo -i
  - cd /home/ocean/Downloads
  - ls
  - chmod +x [FULL NAME OF INSTALLER]
  - ./[FULL NAME OF INSTALLER]
  - Rebuild the option
  - systemctl set-default graphical.target
    - reboot
- Check NVIDIA
  - nvidia-smi
- Check default sink, source
  - pactl info

LIBREOFFICE
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GAME LAUNCHER NOTES
- HEROIC
  - Settings > Add game to Steam Automatically
- GOG
  - N/A
- Steam
  - Settings: Interface > Enable Context Menu Focus Compatibility Mode > ON
  - Settings: Downloads > Enable Shader Pre-caching > OFF
NOTES
- Your Steam Audio will be fixed if the correct driver is loaded.