How to Replace Windows with Linux on Your TechGear Pro Laptop

Issue

You purchased a TechGear Pro Laptop and want to remove Windows to install Linux.

Solution

Step 1: Check Hardware Compatibility

Most Linux distributions work well with TechGear Pro Laptops. However, for the best experience, check:

- Wi-Fi and Bluetooth support

- Graphics driver compatibility (especially for NVIDIA or AMD GPUs)

- Touchpad and function keys behavior

Refer to your selected Linux distribution's hardware compatibility list.

Step 2: Backup Important Data

Before making any changes, create a backup of important files using:

- An external USB drive

- Cloud storage

- A second internal drive (if available)

Step 3: Create a Bootable Linux USB Drive

1. Download a Linux ISO (e.g., Ubuntu, Fedora, Debian, or Arch Linux) from the official website.

2. Use Rufus (Windows) or balenaEtcher (cross-platform) to create a bootable USB drive (8GB or larger).

Step 4: Boot from the USB Drive

1. Insert the USB into your TechGear Pro Laptop.

2. Restart and press F12 (or Esc/F2 depending on the model) to access the boot menu.

3. Select your USB drive and boot into the Linux Live Environment.

Step 5: Install Linux & Remove Windows

1. Once in the Linux installer, select Erase Disk and Install Linux.

2. Follow the on-screen steps to configure partitions, user accounts, and settings.

3. Complete the installation and restart your laptop.

Step 6: Install Additional Drivers & Updates

After installation:

- Run 'sudo apt update && sudo apt upgrade' (for Debian-based distros) or 'dnf update' (for Fedora).

- Install proprietary drivers if needed (e.g., 'sudo ubuntu-drivers install' for NVIDIA).

- Configure additional settings like keyboard shortcuts and power management.

Troubleshooting

- No Wi-Fi? Use a wired connection or download drivers manually.

- Boot issues? Ensure Secure Boot is disabled in BIOS.

- Performance issues? Try a lighter distro like Xubuntu or Manjaro.

For further assistance, visit the TechGear Pro Linux Community Forum or contact support.