

- 1.) Follow the instructions in the file [arm64 Arch Rock64 system setup \(arch wiki\)](#) or the instructions given on the Arch Wiki <https://archlinuxarm.org/platforms/armv8/rockchip/rock64>  
A 16GB eMMC module is sufficient as the whole setup requires only 3.29GB in space when finished.
- 2.) Install XFCE4  
  
`sudo pacman -S xfce4` select → **ALL** (just press ENTER)  
`sudo pacman -S xorg-server`
- 3.) Hide xfce panel for Firefox full screen  
  
`startxfce4` then click Applications → Settings → Panel Tab → Display, Section → General  
Automatically hide the panel → Always  
  
and don't forget the power settings ;-)
- 4.) Install Firefox  
  
`sudo pacman -S firefox firefox-extension-privacybadger firefox-ublock-origin` select → **1** (GNU Fonts)
- 5.) Make Firefox full screen and autostart  
  
Open Firefox and install "Auto Fullscreen" Add-on by tazeat  
  
`mkdir .config/autostart`  
  
`nano .config/autostart/FlightAware.desktop`  
  
[Desktop Entry]  
Name=FlightAware  
Exec=firefox http://192.168.X.XXX:8080 replace **X** with your feeders address  
StartupNotify=true  
Hidden=false  
Terminal=false  
Type=Application  
  
`sudo reboot`
- 6.) Console auto log-in and start XFCE at boot/log-in  
  
`nano /home/fjb/.bashrc` add the following to the **END** of file  
  
`if systemctl -q is-active graphical.target && [[ ! $DISPLAY && $XDG_VTNR -eq 1 ]]; then`  
`startxfce4`  
`fi`  
  
`sudo nano /etc/systemd/logind.conf` uncomment `#NAutoVTs=6` and set to `NAutoVTs=2`  
  
`sudo mkdir /etc/systemd/system/getty@tty1.service.d`  
  
`sudo nano /etc/systemd/system/getty@tty1.service.d/override.conf`  
  
[Service]  
ExecStart=  
ExecStart=-/usr/bin/agetty --autologin fjb --noclear %I \$TERM  
Type=simple  
  
`sudo systemctl enable getty@tty1`  
  
`sudo reboot`

Done, enjoy your new ADSB display !