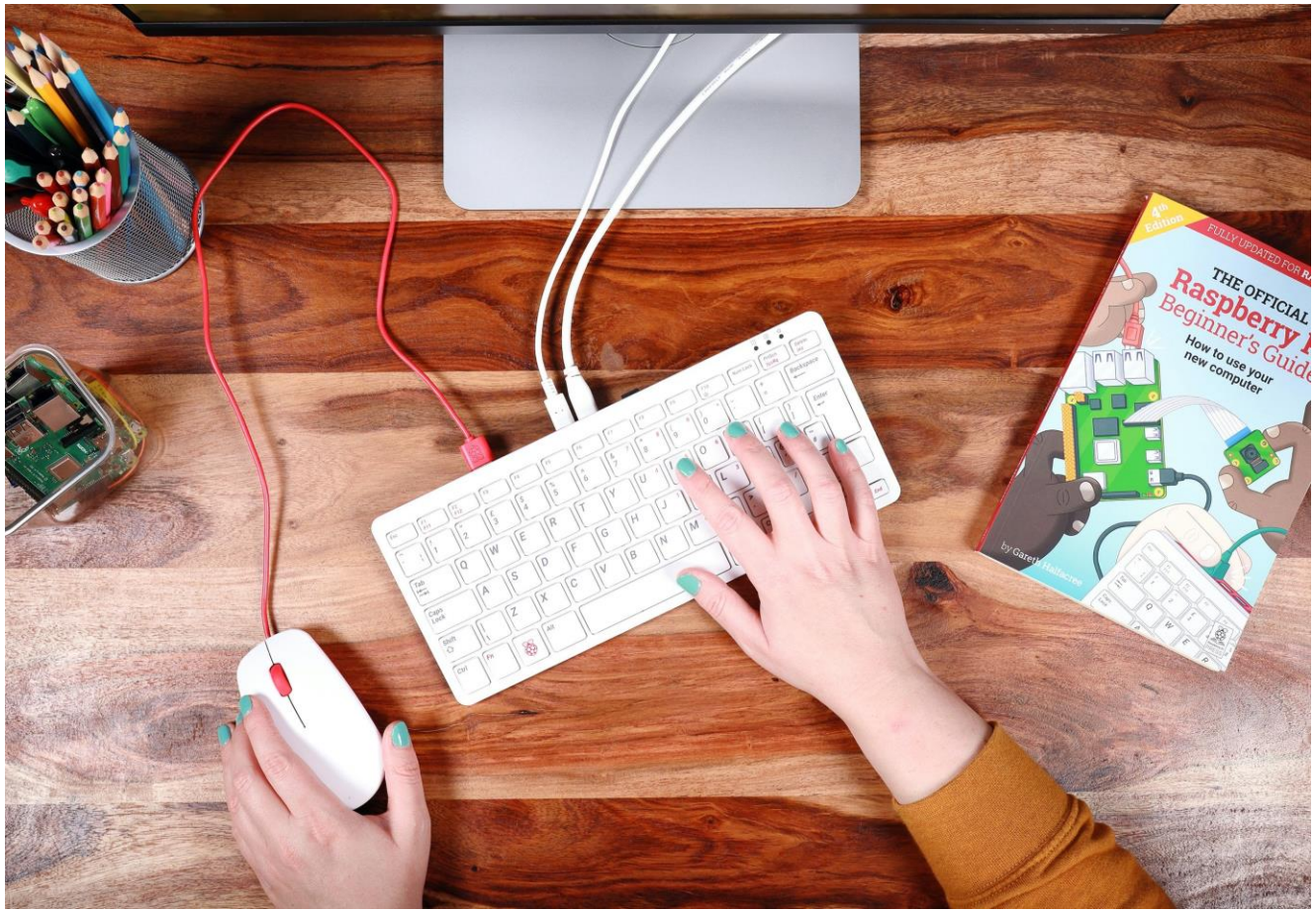
Getting Started with CACTUS on Raspberry PI

CACTUS PI

WHY PI?

- Many mission staff want multiple monitors for mission mgmt.
- Most don’t want to acquire multiple PCs or Macs for mission mgmt.
- Multiple models of Raspberry PI are viable for mission mgmt.
- Raspberry PI 400 is a convenient, cost-effective package for mission mgmt.
- Raspberry PI 400 is readily available from several on-line vendors in USA & Canada.

Raspberry PI is a small, cheap, computer



Raspberry PI 400 is a small, inexpensive, low powered computer embedded in a keyboard that can run CACTUS and tools for CAP Missions. The Raspberry PI 400 costs about $100 and can connect to 2 HDMI monitors.

Product Brief:

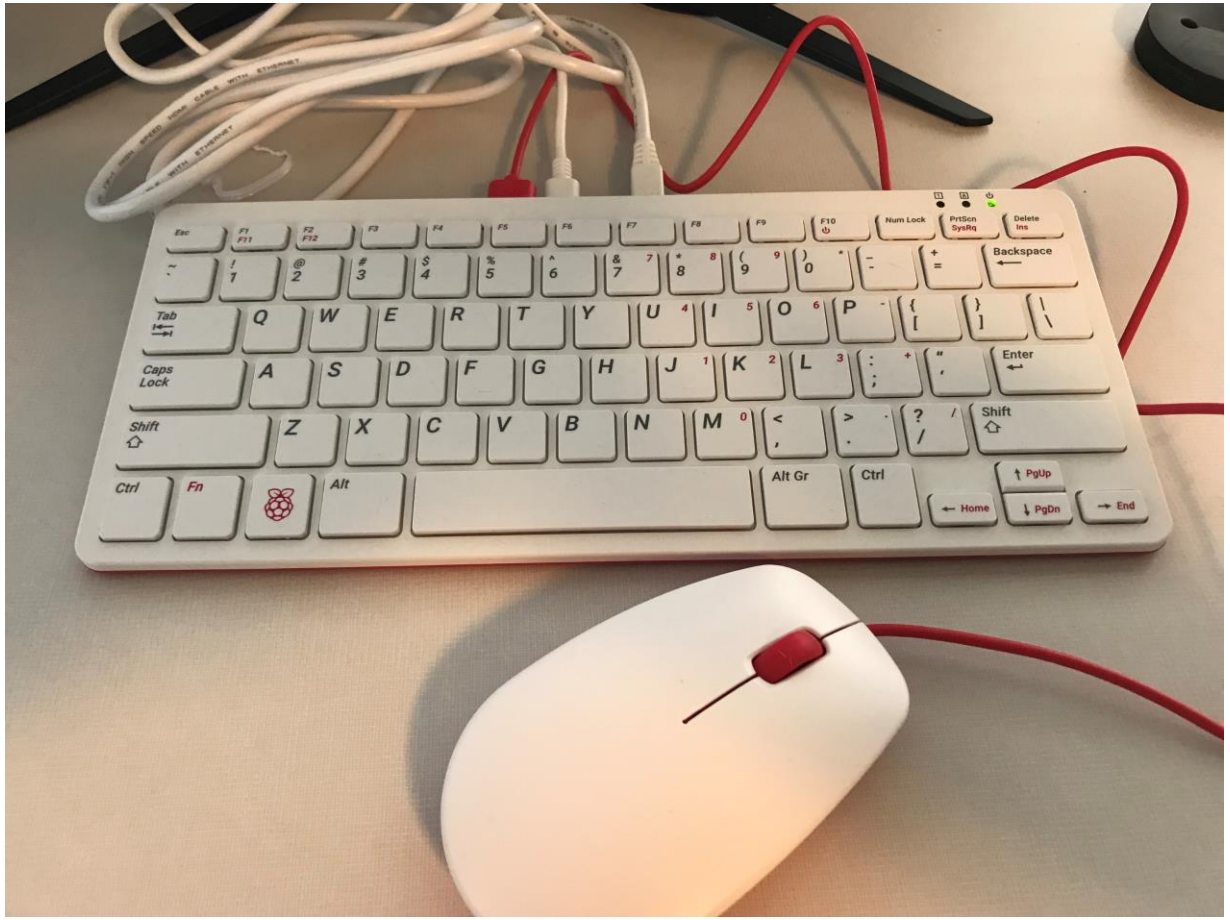
Tech Specs:

Buy at Pishop.us:

Buy at CanaKit

Buy at Adafruit.com

Raspberry PI 400

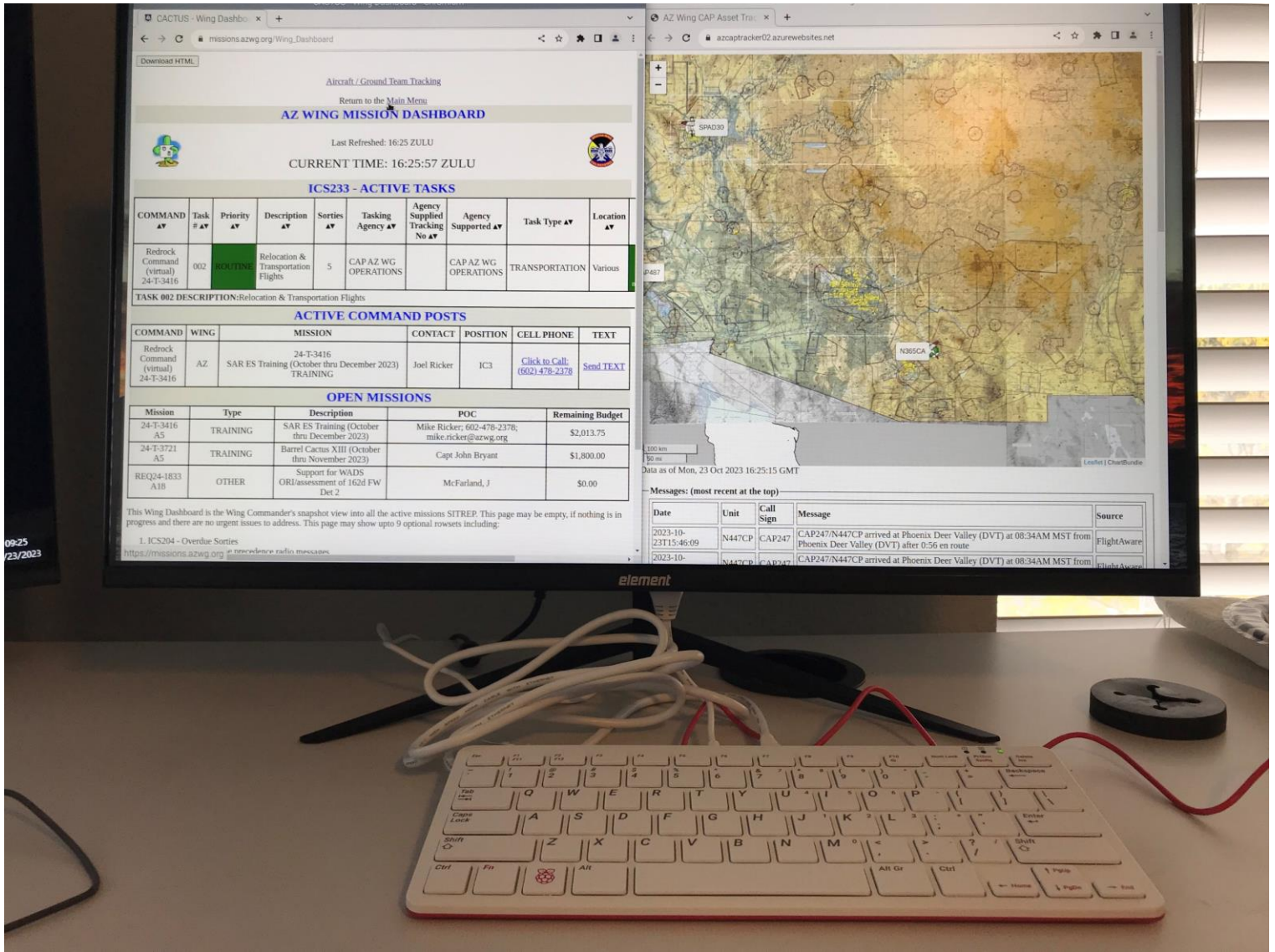


Raspberry PI 400 is a Raspberry PI 4 embedded in a keyboard. The kit includes a mouse, cables to connect to an HDMI monitor and an SD card with the operating system installed.

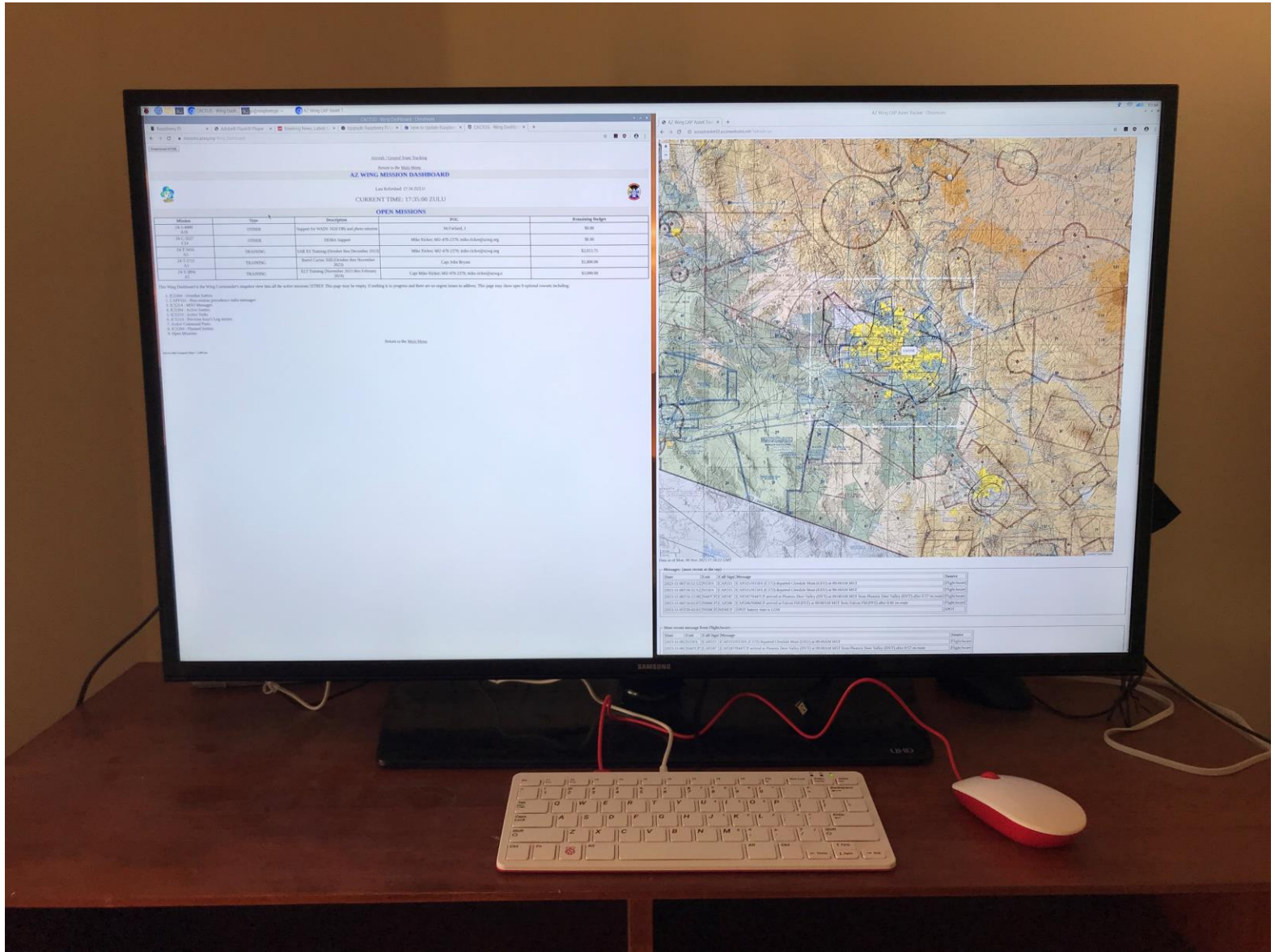
5 minute setup:
1) Connect the wires.
2) Turn on the power.
3) Connect to Internet via cable or configure wifi.

NO LINUX KNOWLEDGE REQUIRED TO USE CACTUS!

CACTUS & CAP Tracker on PI 400



CACTUS & CAP Tracker on PI 400



Mission Management Software on PI

- WMIRS
- CACTUS
- CAPTracker
- BeaconHunter
- FlightAware.com
- FlightRdr24.com
- ADSBExchange.com
- NOAA Weather
- Skyvector.com
- Google Earth Pro
- eWing

Links

- Product Info:
- https://www.raspberrypi.com/products/raspberry-pi-400/
- https://datasheets.raspberrypi.com/rpi400/raspberry-pi-400-product-brief.pdf

- Where to buy:
- https://www.pishop.us/product/raspberry-pi-400-complete-kit/
- https://www.adafruit.com/product/4796
- https://www.canakit.com/raspberry-pi-400-desktop-computer-kit.html