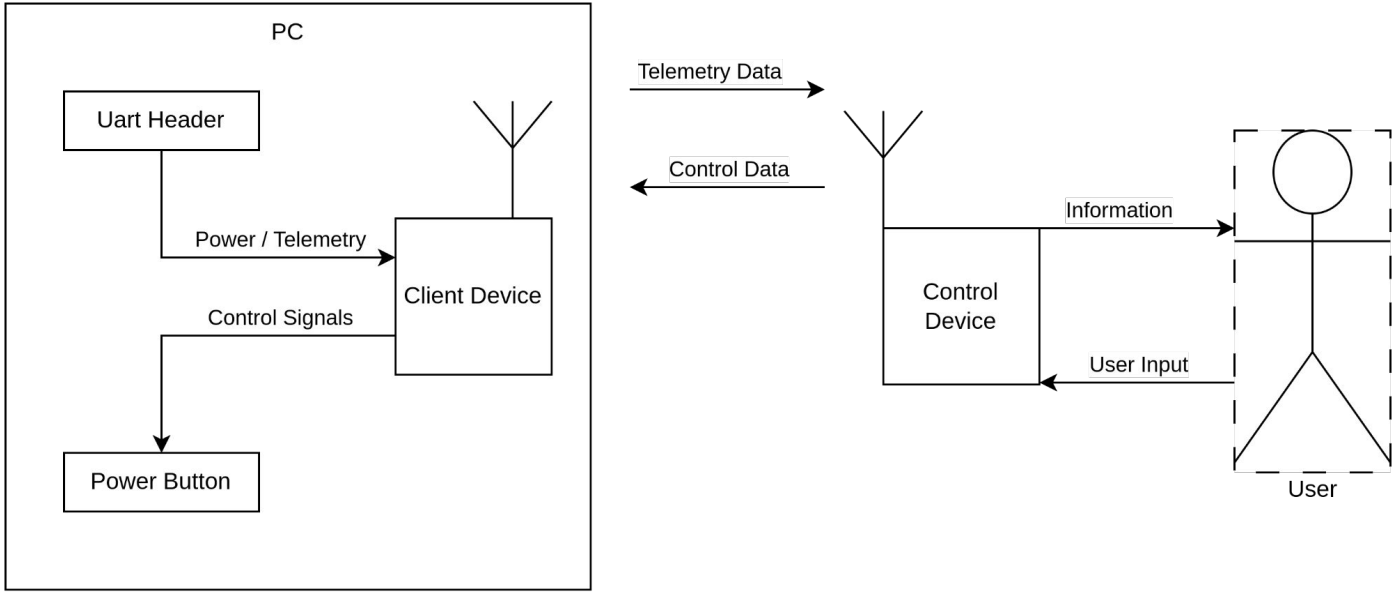
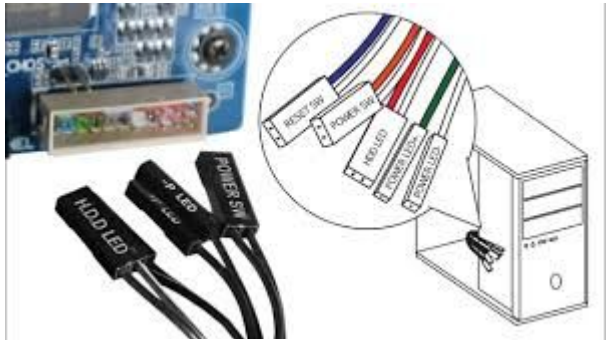
PC Remote



- Targeting the high end gaming PC market.
- These users are in search of novel products to differentiate there machine.
- Trends toward custom or nonstandard case designs creates a need for an alternative power state input method. Think PC's on a wall.
- A wireless device that can toggle the machines power and reset states could find a place within the market. Additionally as the client device would need standby power it could also be connected to the PC's uart header. A uart connection would allow an application on the PC to send telemetry data to the client device that could then be transmitted and displayed on the control device.

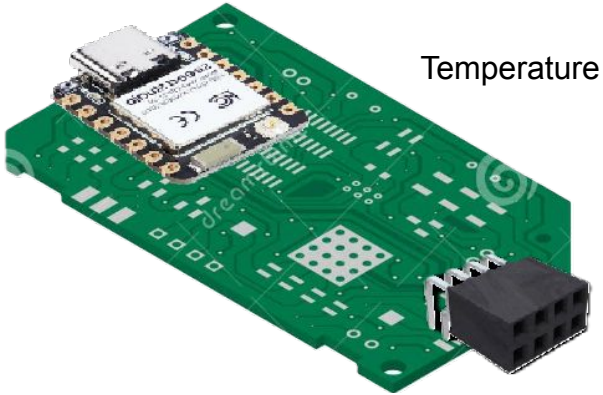
Legacy Method

Wires connected to momentary push buttons for user input and LED’s to display data.



Proposed Method

Cut the wires and create an enhanced UX



Temperature Sensor

Pin header to connect to power button header.

Haptic Feedback Actuator

Why create the PC remote?

- Good amount of work for the basic concept
  - Two different PCB’s (ECAD)
  - One case (MCAD)
  - Software (FreeRTOS)
  - UX design (Haptic feedback actuator)
  - Small
- Many possible stretch goals possible in software.
  - UX refinement
  - Telemetry