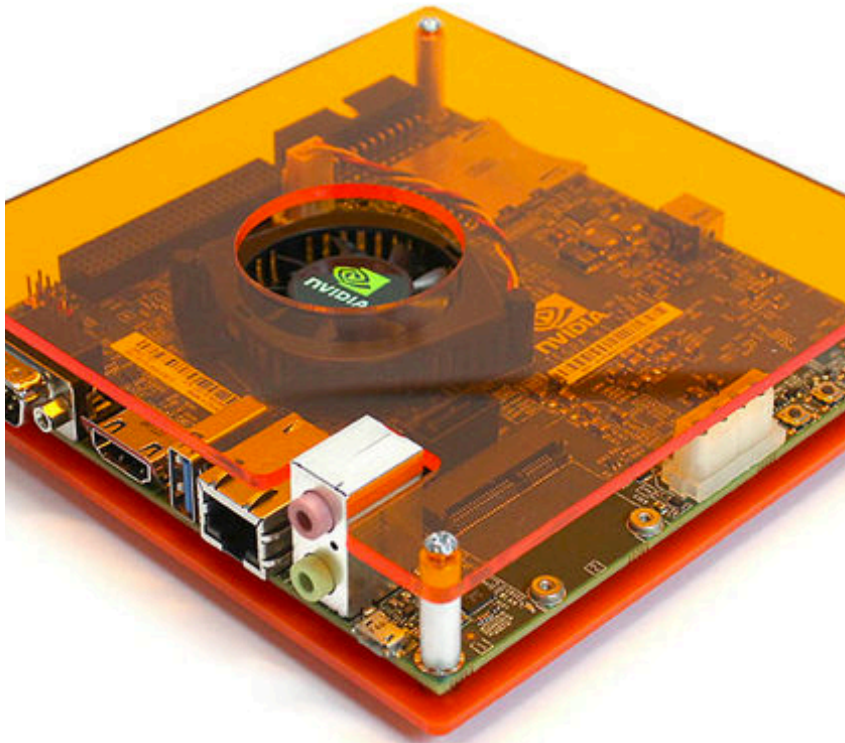# Jetson Console

Example Project

E190U

Features

- Wooden enclosure for Jetson TK1 board

- Custom UI to launch games

- Add more open source games

- Launch script to make user friendly

- Controller integration

- Motion control game option

Schedule

- March 25: Proposal including enclosure idea
- April 1: Enclosure design complete
- April 8: Initial UI – Design review
- April 15: Launch script
- April 22: Additional games / Motion control
  - Tech freeze on April 24
- April 29: Final Presentation

Sneeze Guard

- Pros
  - Schematic available
  - Easy to cut
  - Customizable colors
  - Fits in schedule
- Cons
  - Not fully enclosed
  - Doesn't match wood

http://www.thingiverse.com/thing:348473

Design Alternatives

- Custom wood case (single block)
  - Pro
    - Look nice
    - Match controller
  - Con
    - Hard to manufacture
    - Airflow
    - Takes more time

- Multi-piece wood case
  - Pro
    - Match controller
    - Easy-ish to build
  - Con
    - Airflow
    - Looks more ugly
    - Takes more time

Next Steps

- Tech talk: Jetson TK1 Mechanical Design

- Design review: Game launch UI

- Tech talk: Jetson TK1 Startup Scripting (tentative)

- Final Presentation: Full system demo!