Open Hardware/Modding: Seeed Studio, Arduino, Pinebook Pro

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- [A compact Raspberry Pi RP2040 WiFi board - Meet $12.95 Wio RP2040 mini - CNX Software][2]

Seeed Studio has launched another Raspberry Pi RP2040 WiFi board with the compact Wio RP2040 mini development board that provides a cheaper and more compact alternative to ESP32 based Pico Wireless carrier board and Arduino Nano RP2040 Connect, albeit at the cost of providing fewer I/O pins, and lacking Bluetooth LE.

- [PIR sensors automatically light up workbench zones | Arduino Blog][3]

Jeremy Cook recently constructed a workbench out of wood and plastic supports, and after several iterations, he's enhanced it with LEDs to selectively shine light where he's working. Initially, this meant a simple strip of 12V non-addressable lighting that turned on and off. He then augmented it further using an Arduino Nano, with a pair of buttons for PWM brightness control and a PIR sensor to activate the lights when presence is detected.

- [Pinebook Pro first impressions][4]

So yes, it's most certainly built from a MacBook Air looking frame. But it's not the same build materials, which of course is to be expected as these are far cheaper. Unlike the other ARM book I have, this one doesn't have a GPRS modem, and as of this moment doesn't natively run Windows. Which with it's paltry 4GB of RAM and 64GB of disk space is just as well.
Hardware

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