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Devices and Open Hardware With Linux

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Submitted by Roy Schestowitz on Tuesday 12th of May 2020 12:08:41 PM Filed under Hardware [1]

- **Go back in time with a Raspberry Pi-powered radio [2]**

- **WiFi 6 Embedded SBC Features Qualcomm IPQ6018 Processor, Gigabit & 2.5Gbps Ethernet Ports [3]**

  > The board apparently runs the older OpenWRT 14.07 Barrier Breaker firmware, and Qualcomm SDK is provided with QCA binary drivers

- **Primitive turret automatic tracking [4]**

  > Continuing in my series of developments with the Mech Warfare turret, I?ve now managed to replicate the primitive target tracking functionality I had in the v2 version of the turret. This works using a pretty simple principle: [...]

- **Teensy 4.1 Board Gets Longer for Ethernet, MicroSD Slot, and More GPIOs [5]**

  > What comes after Teensy 4.0? Teensy 4.1. The new version of the Arduino compatible board is powered by the same NXP i.MX RT1062 Cortex-M7 crossover processor clocked at 600 MHz, but about doubling in length in order to add a 10/100 Mbit Ethernet PHY, a MicroSD card slot, and offer more I/Os.
  >
  > Teensy 4.1 also increases flash memory to 8 MB (vs 2 MB for Teensy 4.0), and the USB hot-plugging power management circuitry needed to plug a USB device via a USB host cable.

Hardware

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Links:
[1] http://www.tuxmachines.org/taxonomy/term/39
[2] https://www.raspberrypi.org/blog/go-back-in-time-with-a-raspberry-pi-powered-radio/
[3] https://www.cnx-software.com/2020/05/11/wifi-6-embedded-sbc-features-qualcomm-ipq6018-processor-gigabit-2-5gbps-ethernet-ports/
[4] https://jpieper.com/2020/05/11/primitive-turret-automatic-tracking/
[5] https://www.cnx-software.com/2020/05/12/teensy-4-1-board-gets-longer-for-ethernet-microsd-slot-and-more-gpios/