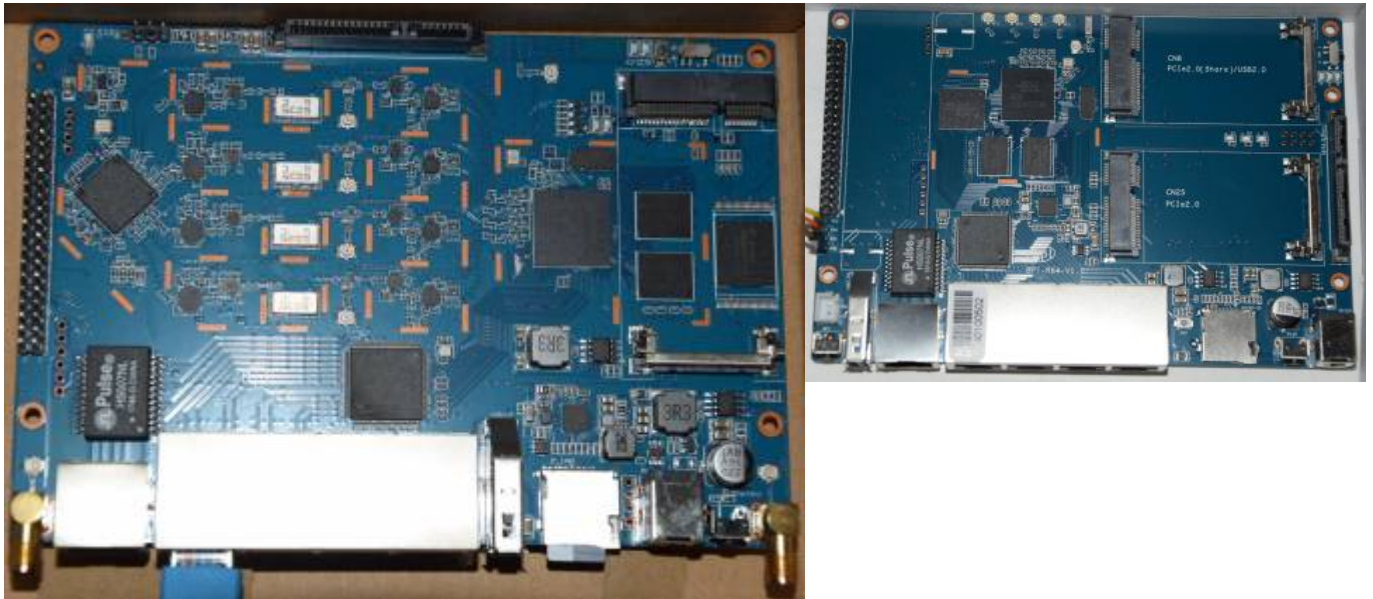


Hardware

- SOC: [MT7622](#)
- Switch:
 - Realtek RTL8367S (<v1.0)
 - Mediatek MT7531 (>=v1.0)
- Wifi: bgn on SOC (driver available in my repo), MT7615-AC (was dropped due to heat)
- Bluetooth driver working on 5.4 (in my repo)
- ASM1480 PCIE/SATA-Multiplexer/Bridge (selecting PCIE1/cn8 or SATA over GPIO90)
- PMIC mt6380



pcie

Patches: <http://forum.banana-pi.org/t/bpi-r64-openwrt-kernel-5-4-40-running-from-emmc/11087/74>

hardware revisions

- 1.0 Original release. PCI0 bug (missing capacitors on tx lines), mPCIe slot 3.3V lines limited to 1447mA (4.7kΩ resistors on current limiter)
- 1.1 First revision. PCI0 tx line bug fixed. mPCIe slots still limited to 1440mA (still 4.7kΩ resistors - this is my board)
- 1.1 Reports of v1.1 boards with 3.0kΩ current limiting resistors on mPCIe slot 3.3V line (@Reiver's board), mPCIe 3.3v line 2267mA.
- 1.2 changes on pcie line like later v1.1 (which maybe incorrectly labeled)

Source: <https://forum.banana-pi.org/t/bpi-r64-possible-hardware-improvements/12711/12>

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Last update: **2023/06/08 17:06**

