LibreRouter: An open-source router that offers GPIO pins in a Raspberry Pi form factor

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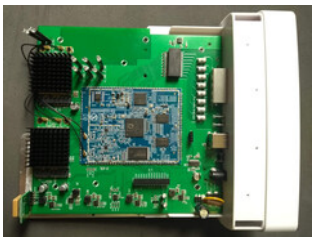

Single-board computers (SBCs) can not only be used as cost-effective options for developers or for creating retro emulators. On the contrary, they can also serve as routers thanks to their wide range of connection options, while some can offer a lot of performance for their size. The Raspberry Pi has practically pre-configured software solutions to this effect, for example.

Now, a DIY solution has been announced by LibreRouter.org. The LR1 is based on a Qualcomm Atheros QCA9558 MIPI processor that can utilise 128 MB of RAM. The router has built-in Wi-Fi too that supports up to IEEE 802.11 b/g/n, while LibreRouter also offers an optional GPS sensor. Using the two mPCIe slots you can connect powerful network cards or cellular routers, too.

[2]

OSS

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[1] http://www.tuxmachines.org/taxonomy/term/72
[2] https://www.notebookcheck.net/LibreRouter-An-open-source-router-that-offers-GPIO-pins-in-a-Raspberry-Pi-form-factor.452768.0.html