NanoPi R2S & NanoPi NEO3 tested with Armbian? Thermal test, Ethernet and USB performance

By Roy Schestowitz
Created 18/10/2020 - 12:50pm
In the first part of the review of NanoPi NEO3 and Nano R2S I checked out the hardware, with both tiny gateways powered by a Rockchip RK3328 processor but a different features as NEO3 includes a Gigabit Ethernet port and a USB 3.0 port, while R2S comes with dual Gigabit Ethernet ports and a USB 2.0 port.

I've now had time to test both gateways using Armbian 20.08.1 release based on Ubuntu 20.04 Focal. Note that while NanoPi R2S is officially supported by Armbian, NanoPi NEO3 images are currently tagged as ?suitable for testing?. Having that said I did not come across any specific issues on NEO3, and it may mostly mean it?s easier to get support on the forums with R2S.

[...]

That means Ubuntu 20.04 with Linux 5.8.6, but since Armbian is always updated, I ended the review with Linux 5.8.15. I'll focus the review on thermal testing, as well as Ethernet and USB performance.

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