Subject: Banana PI
Posted by mirek on Mon, 15 Dec 2014 12:38:20 GMT
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I have decided it is time to have means to test U++ with ARM. In the end, Raspberry PI is perhaps too slow, so instead I have decided to get

http://www.bananapi.org/p/product.html

This thing has 2 CortexA7 cores at 1Ghz and 1GB RAM, plus 1G ethernet.

I have installed bananian (basically, Debian Wheezy) and after getting MATE desktop to work (it is quite usable), I simply downloaded U++ nightly, used its 'debian' script (worked without problem), then fired make. I had 2 issues: there was wrong __arm macro used in Core/Config.h (has to be __arm__ - already commited) and then I had some weird linker issue, which could be worked around. Then make gone through and create ./theide, which, to my surprise, immediately worked.

Overall, whole thing feels like slower version of my normal Linux desktop (while being absolutely silent and consuming about 2W of energy).

I plan to setup this 'station' for automated testing (to complement x86 tests).

Mirek