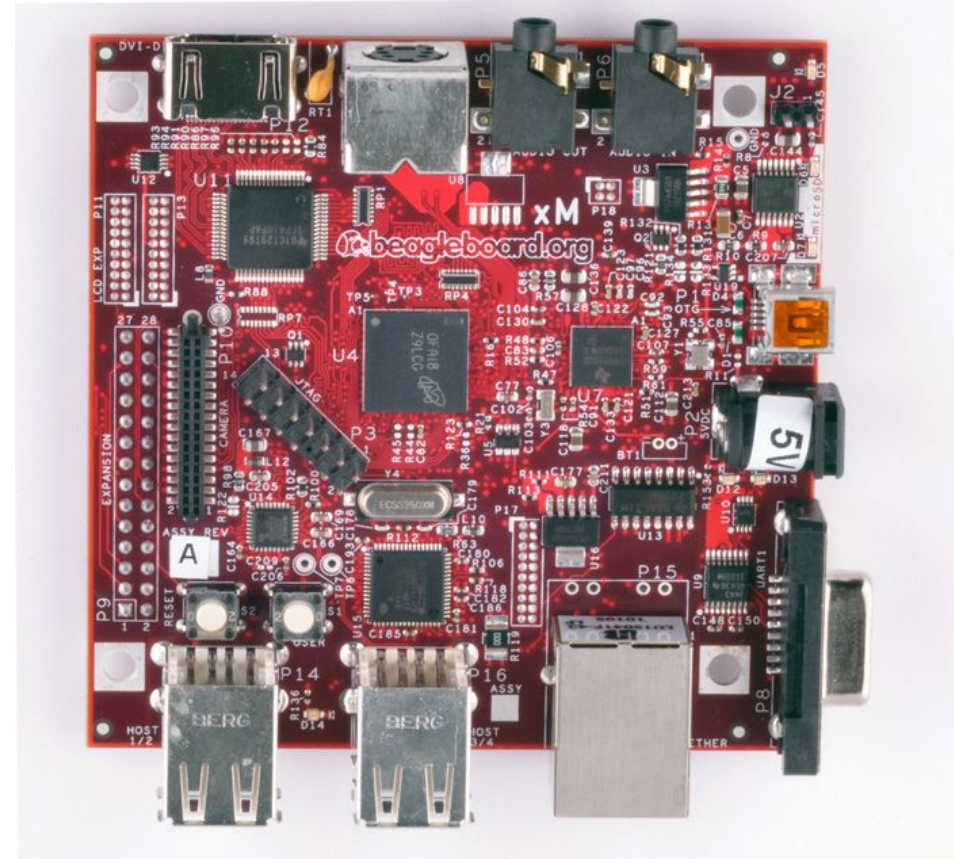


Beagleboard-xm
Raspberry Pi

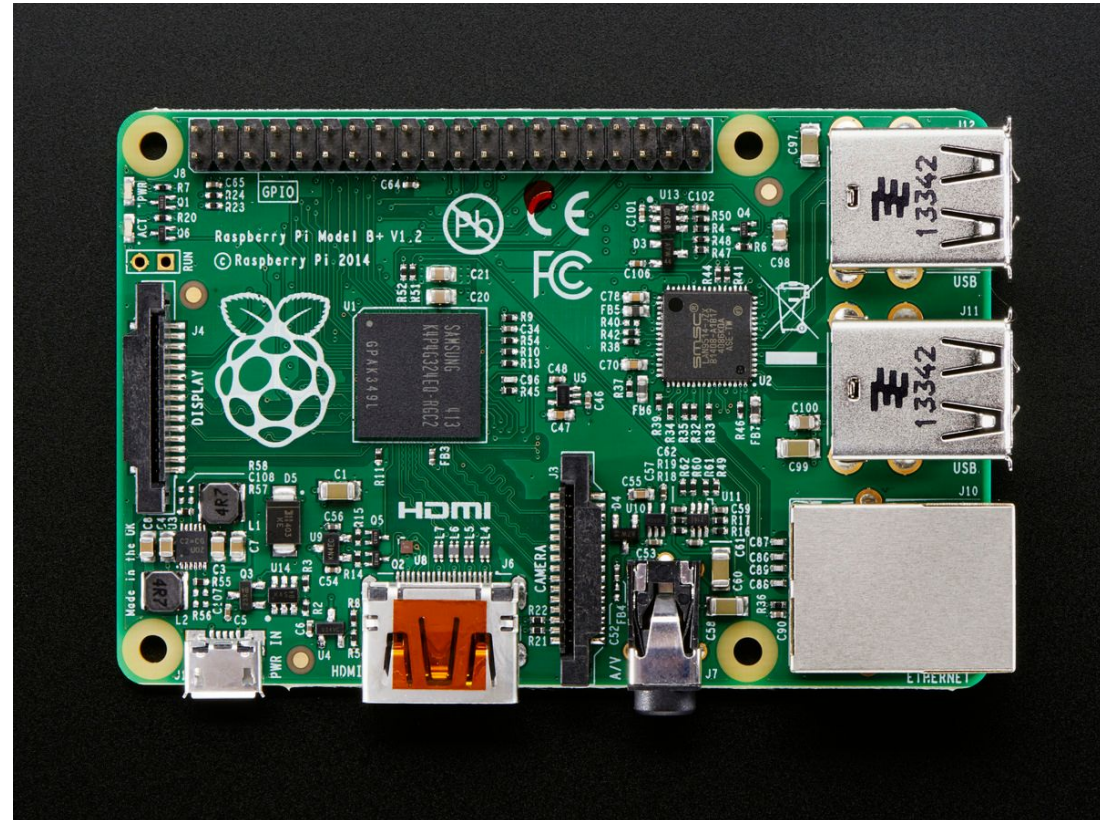
BeagleBoard-xM

- TI DM3730
 - Cortex-A8, 1000 MHz
- 512 MB DRAM (POP)
- USB
- Ethernet
- HDMI

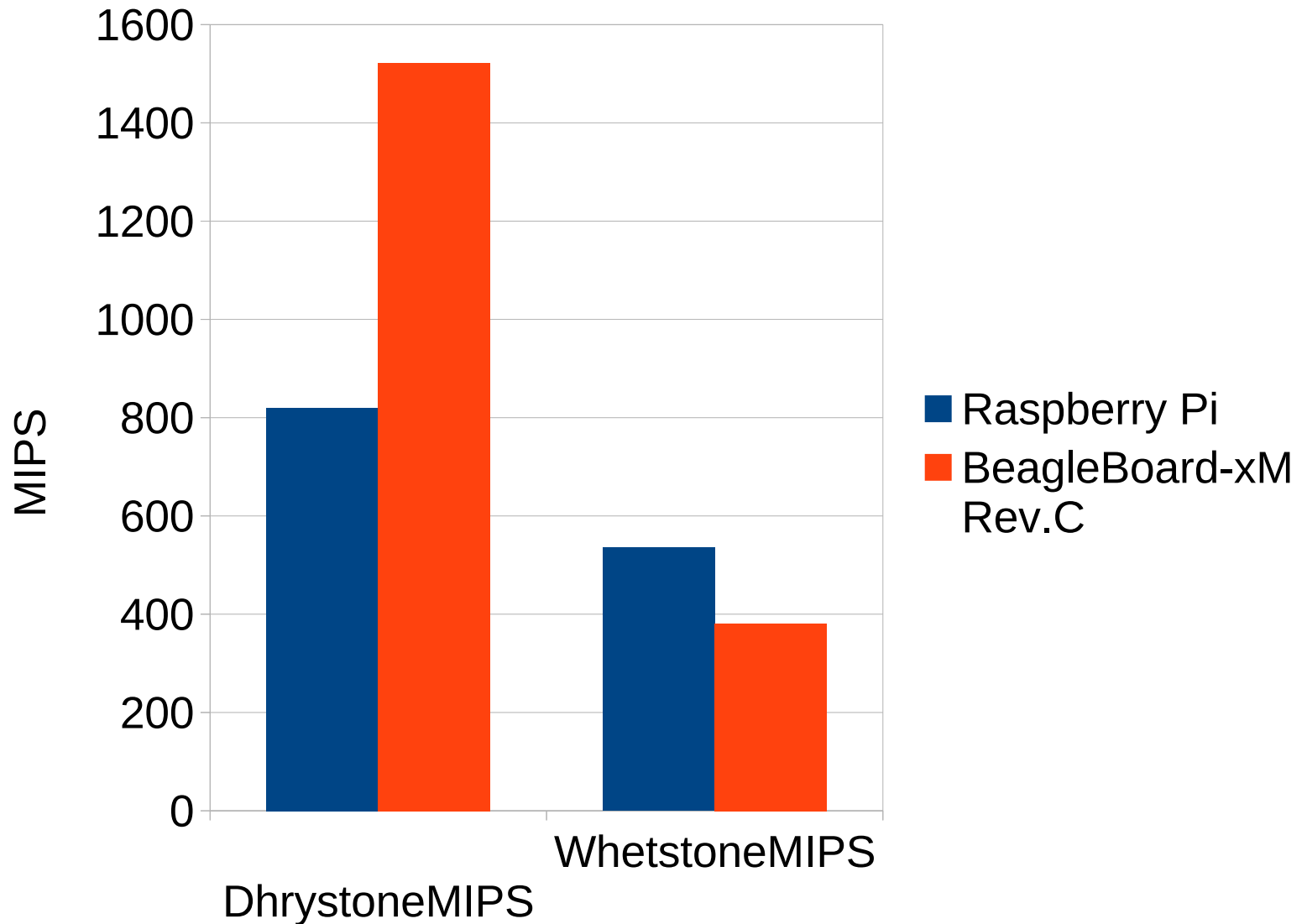


Raspberry Pi B+

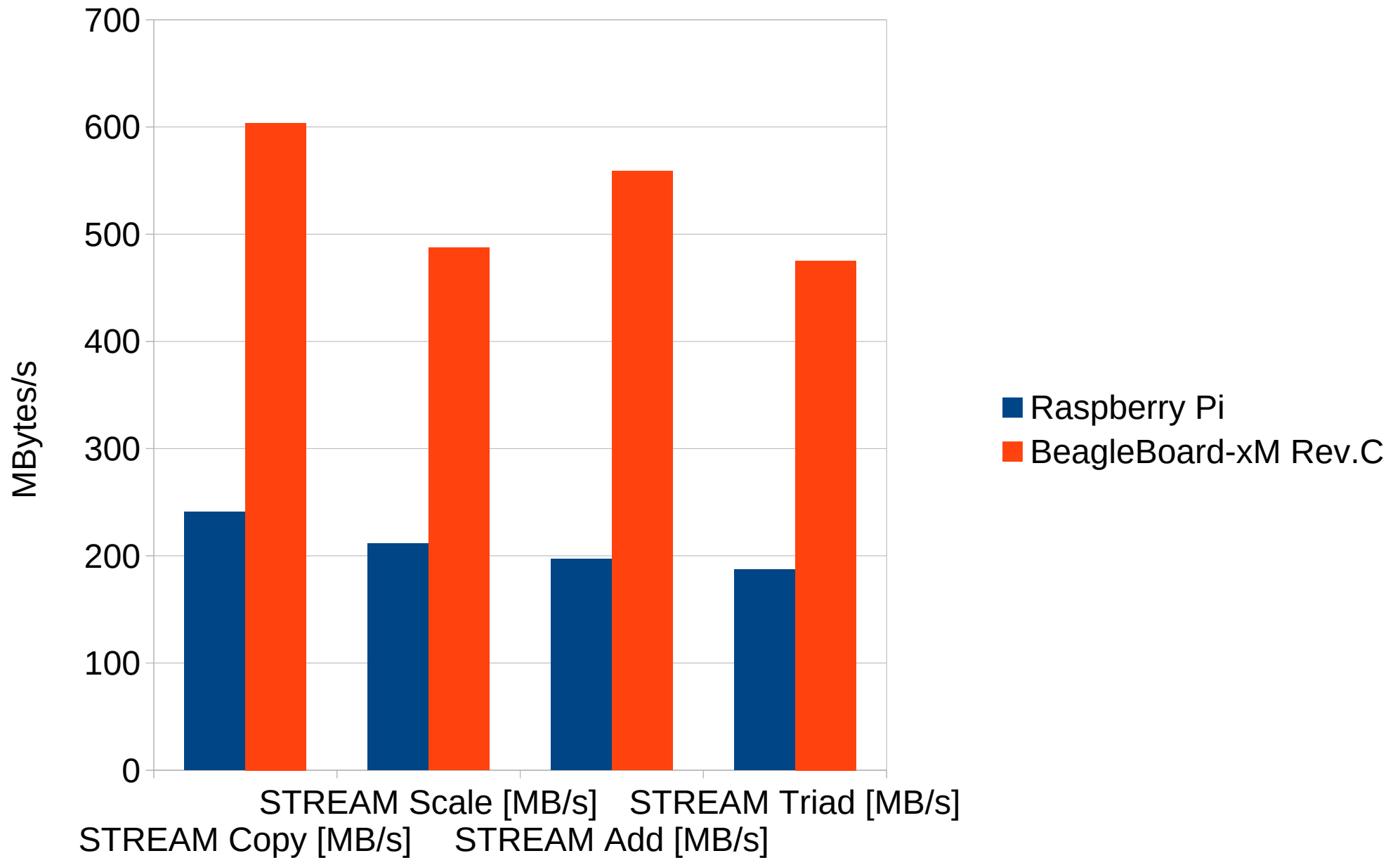
- Broadcom BCM2835
 - ARM1176JZFS, 700 MHz
- 512 MB DRAM (POP)
- USB
- HDMI
- Ethernet



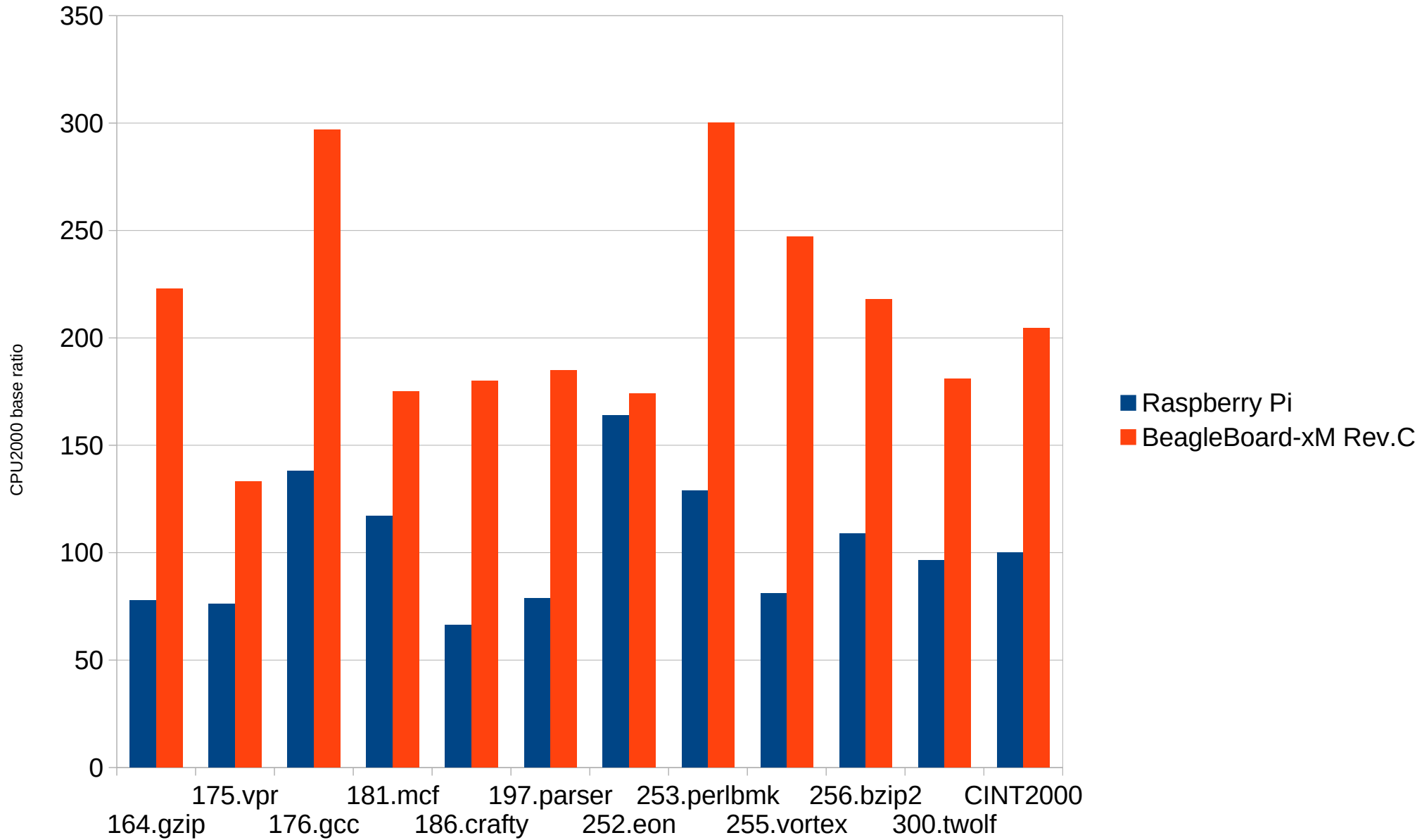
Dhrystone, Whetstone



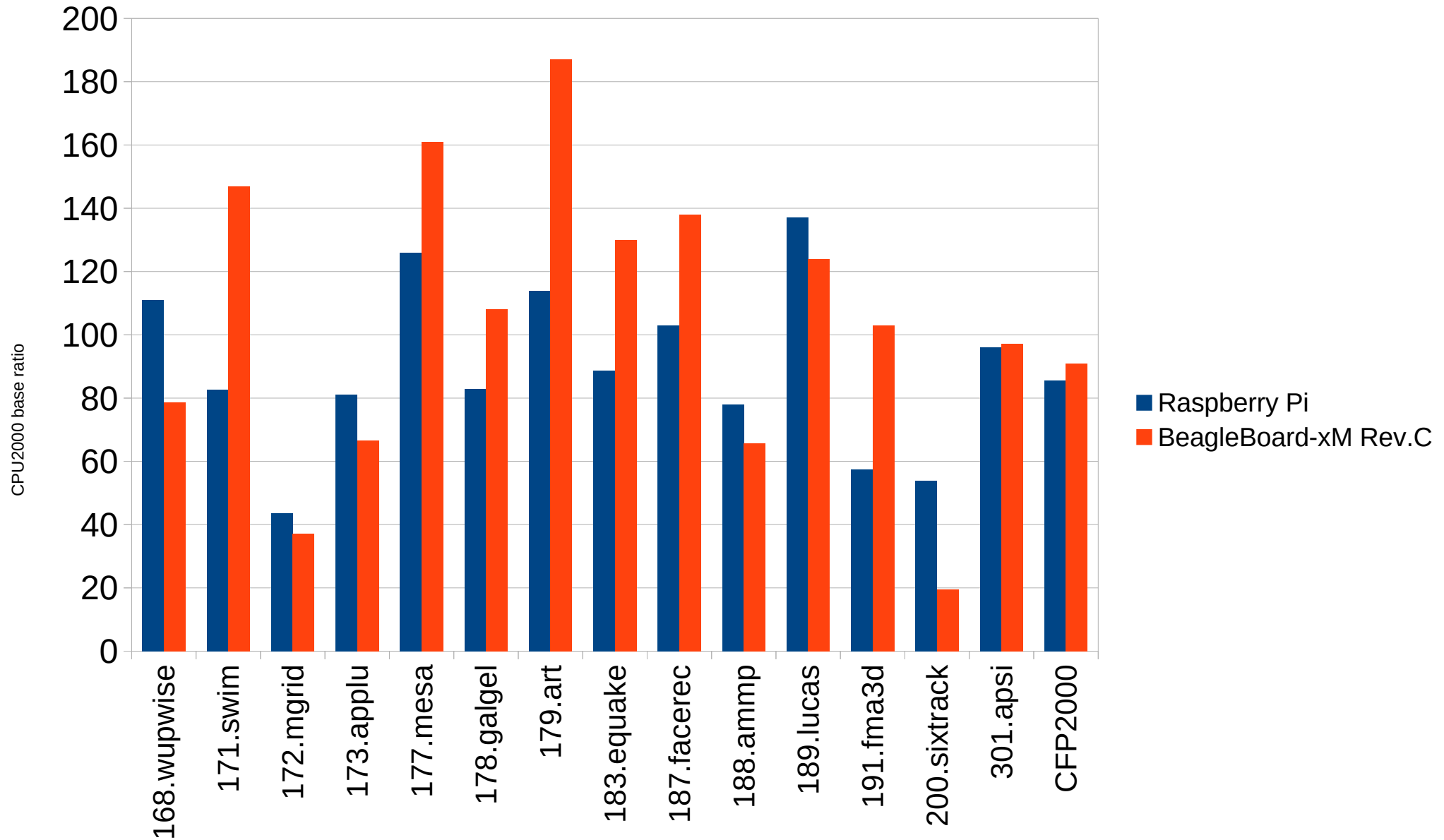
STREAM



CINT2000



CFP2000



結論

- Raspberry Piの方がBeagleBoard-xMより浮動小数点命令のスループット高い
 - 使う命令セット(VFP, NEON)を変えても結果は変わらない
- ARM SoCは作り方による性能の偏りがかなりある
 - 使える命令セットもいろいろ