BeagleBoard.org BeagleBoard-X15
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What is demonstrated

Open hardware computer
  ➪ Debian Linux system
  ➪ Open source 2D graphics acceleration
  ➪ Video acceleration
  ➪ OpenCL C66 DSP support
  ➪ Mainline kernel support
  ➪ GCC compiler support
    ✓ ARM Cortex-A15
    ✓ ARM Cortex-M4
    ✓ TI C66x
    ✓ TI PRU

What was improved

Fastest BeagleBoard available
More cores and more types of cores
Lots more I/O capability and bandwidth
More RAM (2GB)
Great open hardware ARM build platform

Hardware Information
https://bbb.io/x15

Source code or detail technical information availability
https://github.com/beagleboard/beagleboard-x15
https://github.com/beagleboard/linux
https://github.com/beagleboard/image-builder