



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>

Dual-core ARM Cortex-A15, dual C66x DSPs, quad programmable real-time units, 3×USB 3.0, PCIe, 2×gigE, 2GB RAM, 4GB eMMC flash, ...

Source code or detail technical information availability

<https://github.com/beagleboard/beagleboard-x15>
<https://github.com/beagleboard/linux>
<https://github.com/beagleboard/image-builder>