PocketBeagle® Rapid Prototyping Demos
Jason Kridner & Erik Welsh

What is demonstrated

New Tiny Open Hardware Linux Computer
- Self-hosted web IDE
- Debian Linux system
- Community supported
- Educational Platform

Variety of Applications
- CubeSats
- Home Automation
- Industrial Control
- Drones
- Sensor Systems

What was improved

Move from Embedded Developer to Embedded Linux Developer Faster
- Add Linux to IoT designs
- Fits in a mini mint-tin (35mm x 56mm x 5mm)

Hardware Information

Processor: Octavo Systems OSD335 System-In-Package with 1GHz ARM Cortex A8, 2×32-bit 200-MHz PRUs, ARM Cortex-M3 DDR3 Memory, Power Management
Expansion: 72 pin headers, high-speed USB, 8 analog inputs, 44 digital I/Os and numerous digital interface peripherals

Source code or detail technical information availability
www.beagleboard.org/pocket