



### Project Description:

A prototype for a mobile computing development platform to facilitate product development for the handheld portable computing market. Contains an advanced analysis ring and modular architecture to allow emerging technologies to be easily added and evaluated.

### Key Features / Project Highlights:

- System Architecture, Platform Definition, User Interface Design, Mechanical Design, Hardware and FPGA Design, Embedded Software Development
- Invented and refined concept of Analysis Ring technology to monitor and analyze power and performance characteristics of overall system and various subsystems in real-time
- Developed visually stunning Dashboard prototype, complete with three identical but independent sections of multiple displays and controls
- Met aggressive trade show demonstration timeline through hardware software co-design techniques that defined all hardware interfaces early enabling software to be ready to run the first day the hardware was delivered. Customer delivery was less than one week after hardware was received.



### About LocoLabs:

LocoLabs is a Silicon Valley, CA provider of custom and turnkey development platforms and modules for embedded designers. It is our mission to accelerate your product development, drawing on more than a decade of experience tackling tough embedded design problems for leading suppliers of consumer, computing and commercial systems.

In our engineering and design work, LocoLabs customers call us the "Rev-Zero" company. With success stories in consumer electronics, commercial robotics, HD video and instantly deployable wireless networking, our experience reinforces the value of fast prototyping and hardware/software co-design. LocoLabs' cross-trained Embedded, Multimedia, Wireless and Linux experts in our Silicon Valley design center are available to support your rapid product development.

