AKGEC-NI
LabVIEW Academy

myRIO

NI myRIO places dual-core ARM® Cortex™-A9 real-time processing and Xilinx FPGA customizable I/O into the hands of students. With its on-board devices, seamless software experience, and library of course-ware and tutorials, NI myRIO provides an affordable tool that students can use to do real engineering in one semester.

Multiconcept Tool-

One device for controls, robotics, mechatronics, and embedded concepts.

Imagine the Idea and Create It-

Program onboard devices and connect third-party sensors.

Design On Time-

Students design real engineering systems faster than ever before.

Features

- Affordable tool to teach and implement multiple design concepts with one device
- 10 analog inputs, 6 analog outputs, 40 digital I/O lines
- Wireless, LEDs, push button, accelerometer onboard
- Xilinx FPGA and dual-core ARM Cortex-A9 Zynq processor
- Programmable with LabVIEW or C; adaptable for different programming levels