



Product Overview

The ZYNQ Dual-Core Cortex-A9 FPGA Development Board is a powerful embedded development platform designed for learning and prototyping advanced ARM-based processing and FPGA programmable logic applications. The system is based on the Zybo Board featuring the Xilinx ZYNQ-7000 ARM/FPGA SoC, which combines a high-performance Dual-Core ARM Cortex-A9 processor with programmable FPGA logic on a single chip.

This development board is widely used in embedded systems laboratories, FPGA design training, digital system design, and research applications. It provides an ideal platform for students and engineers to develop and test hardware/software co-design projects, embedded Linux systems, and digital signal processing applications.

Technical Specifications

Parameter	Specification
Product Name	ZYNQ Dual-Core Cortex-A9 FPGA Development Board
Development Board	Zybo Board
Processor	Dual-Core ARM Cortex-A9
SoC Platform	ZYNQ-7000 ARM / FPGA SoC
FPGA Capability	Integrated Programmable Logic (FPGA)
Board Type	ARM + FPGA Development Platform
Application Area	Embedded Systems and FPGA Development
Usage	Educational, Training and Research Applications

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Key Features

- Based on ZYNQ-7000 ARM/FPGA SoC architecture
- Integrated Dual-Core ARM Cortex-A9 processor
- Built-in FPGA programmable logic
- Supports hardware and software co-design
- Suitable for embedded system development
- Ideal for FPGA programming and digital system design
- Widely used in engineering laboratories and research institutes.

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