



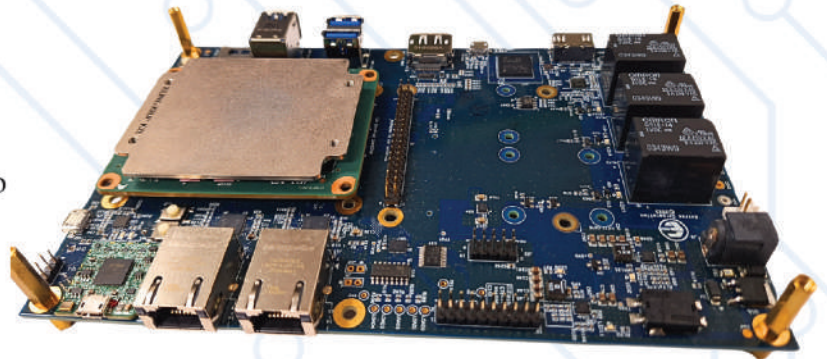
Edge Computing/IoT Development Kit (ECT-KRIA-EVK)

The Ectron ECT-KRIA-EVK is built around the powerful Kria™ SOM from AMD. The Kria™ SOM is a Zynq™ UltraScale+™ MPSoC with quad core 64-bit ARM processor coupled with a large FPGA.

The ECT-KRIA-EVK runs Ubuntu Linux and comes pre-loaded with software to build multiple applications. This is one of the most powerful development kits on the market for Edge computing and IoT applications. A BIST is provided with each board and a simple reference design for use.

Features:

- ✓ Quad Core 64-bit ARM Processor with FPGA
- ✓ Multiple interfaces
 - ✓ Two (2) GbE RJ45 Interfaces
 - ✓ Two (2) USB 3.0/2.0 Interfaces
 - ✓ GPS (Can Be Disabled) With Radio
 - ✓ Digital I/O and Actuator Control
 - ✓ One mPCIe Expansion Slots
 - ✓ One LCD Interface
- ✓ Radio Options: 4G/LTE or 5G, WiFi, LoRA
- ✓ Storage of 128 GB (Industrial SD)
- ✓ All drivers included
- ✓ Azure hours included for testing and prototyping
- ✓ 4G/5G Global SIM provided for limited time use (user renewal)
- ✓ Program and develop using free Xilinx tools



The ECT-KRIA-EVK is offered as a stand alone product or as part an IoT Kit with accessories

Any solution developed on the ECT-KRIA-EVK can be seamlessly transported to and deployed on Ectron's ECT-EG-EC, which has an IP67 or IP68 Enclosure and Digital I/O and Actuator Control Output.

Customization Available!

Applications:

Development of Edge computing and IoT solutions for Equipment, Process, Facility, Environment, Energy-Usage Monitoring.



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