



IoT Edge Computer (ECT-EG-EC)

The Ectron ECT-EG-EC 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-EG-EC runs Ubuntu Linux and comes pre-loaded with software stack to connect I/O link hubs and to the Microsoft Azure Cloud. Perfect for building and deploying innovative Edge computing and IoT designs with access to displays, digital and analog signal inputs and more. Moreover, its ruggedized design makes it ideal for development on the factory floor, in outdoor junction boxes and other harsh environments where standard computers can not be deployed.

Features:

- ✔ Operating System: Ubuntu Linux
- ✔ Industrial Grade Design, IP 67 Enclosures (Customizable to IP 68)
- ✔ Low Power, Uncooled (No Active Cooling), High Efficiency
- ✔ Multiple Interfaces
 - ✔ Two (2) GbE RJ45 Interfaces
 - ✔ Two (2) USB 3.0/2.0 Interfaces
 - ✔ GPS (can be disabled)
 - ✔ Digital I/O and Actuator Control Output
- ✔ Radio Options: 4G/LTE or 5G, WiFi, LoRA
- ✔ Storage: 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)



The ECT-EG-EC is offered as a stand alone product or as part an IoT Kit with accessories
Customization Available!

Applications:

Equipment, Process, Facility, Environment, Energy-Usage Monitoring



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