

# Mustang-F100

PCIe FPGA Highest Performance Accelerator Card with Arria 10 1150GX support DDR4 2400Hz 8GB, PCIe Gen3 x8 interface



## Features

- » Half-Height, Half-Length, Double-slot.
- » Power-efficiency, low-latency.
- » Supported OpenVINO™ toolkit, AI edge computing ready device.
- » FPGAs can be optimized for different deep learning tasks.
- » Intel® FPGAs supports multiple float-points and inference workloads.

**Warning: DO NOT install the Mustang-F100-A10 into the TANK AIoT Dev. Kit before shipment. It is recommended to ship them with their original boxes to prevent the Mustang-F100-A10 from being damaged.**

**\*Due to the OpenVINO™ toolkit version is upgraded periodically, IEI strongly recommend users to purchase FPGA programmer kit (7Z000-00FPGA00) to upgrade the FPGA bitstreams to get best performance.**

If you would like to buy FPGA Download Cable kit, please email to [online@ieiworld.com](mailto:online@ieiworld.com) or place an order on [IEI USA e-shop](http://IEI USA e-shop), thank you.

## Specifications

System	
Chipset	Intel® Arria® 10 GX1150 FPGA
Memory	on board DDR4
Memory Max.	8GB
Cooling method / System Fan	Active fan
Physical Characteristics	
Dimensions (LxWxH) (mm)	169.54 X 81.64 X 44.25
Power	
Power Consumption	Approximate 40W
Environment	
Operating Temperature	5°C ~ 60°C
Humidity	5% ~ 90%
Card Slot Interface	
PCIe	x8

## Ordering Information

Mustang-F100-A10-R10	PCIe FPGA Highest Performance Accelerator Card with Arria 10 1150GX support DDR4 2400Hz 8GB, PCIe Gen3 x8 interface
7Z000-00FPGA00	OTHERS PERIPHERAL DEVICE;FPGA Download Cable;IEI USB DOWNLOAD CABLE;Macnica;USB Download+USB CABLE+IDE CABLE+FPGA CABLE

## Packing List

1 X Full height bracket	1 x External power cable
1 x QIG	