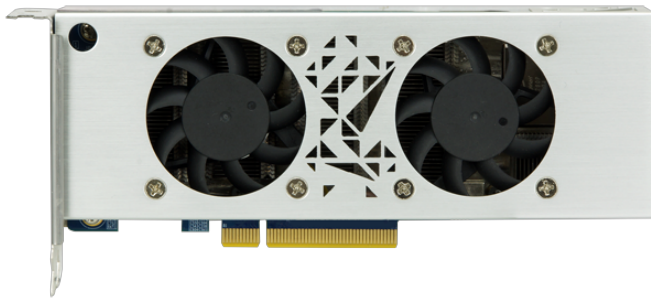


# Mustang-F100

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                 |                          |