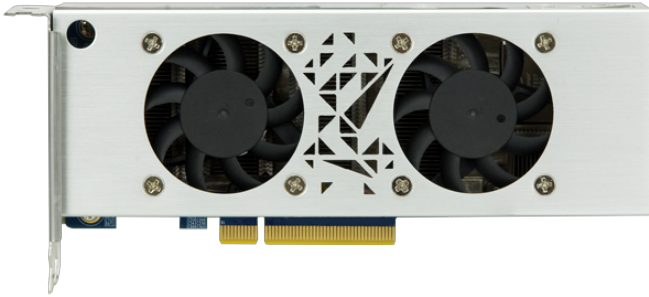


Mustang-F100

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 or place an order on 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 | |