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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 $\ensuremath{^{\rm M}}$ toolkit, AI edge computing ready device.

» FPGAs can be optimized for different deep learning tasks.

 $\ensuremath{\text{w}}$ 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 <u>online@ieiworld.com</u> or place an order on <u>IEI USA e-shop</u>, 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	

IoT Solutions

Alliance

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	