

Mustang-V100-MX8

NEW



Feature

- Half-Height, Half-Length, Single-slot compact size
- Low power consumption ,approximate 2.5W for each Intel® Movidius™ Myriad™ X VPU.
- Supported OpenVINO™ toolkit, AI edge computing ready device
- Eight Intel® Movidius™ Myriad™ X VPU can execute multiple topologies simultaneously.



ubuntu

Specifications

Model Name	Mustang-V100-MX8
Main Chip	Eight Intel® Movidius™ Myriad™ X MA2485 VPU
Operating Systems	Ubuntu 16.04.3 LTS 64bit, CentOS 7.4 64bit, Windows10 64bit
Dataplane Interface	PCI Express x4 Compliant with PCI Express Specification V2.0
Power Consumption	<30W
Operating Temperature	0°C~55°C (In TANK Alot Dev. Kit)
Cooling	Active fan
Dimensions Standard	Half-Height, Half-Length, Single-slot PCIe
Operating Humidity	5% ~ 90%
Power Connector	*Preserved PCIe 6-pin 12V external power
Dip Switch/LED indicator	Identify card number
Support Topology	AlexNet, GoogleNetV1/V2, Mobile_, SSD, MobileNetV1/V2, MTCNN, Squeezenet1.0/1.1, Tiny Yolo V1 & V2, Yolo V2, ResNet-18/50/101

*Standard PCIe slot provides 75W power, this feature is preserved for user in case of different system configuration

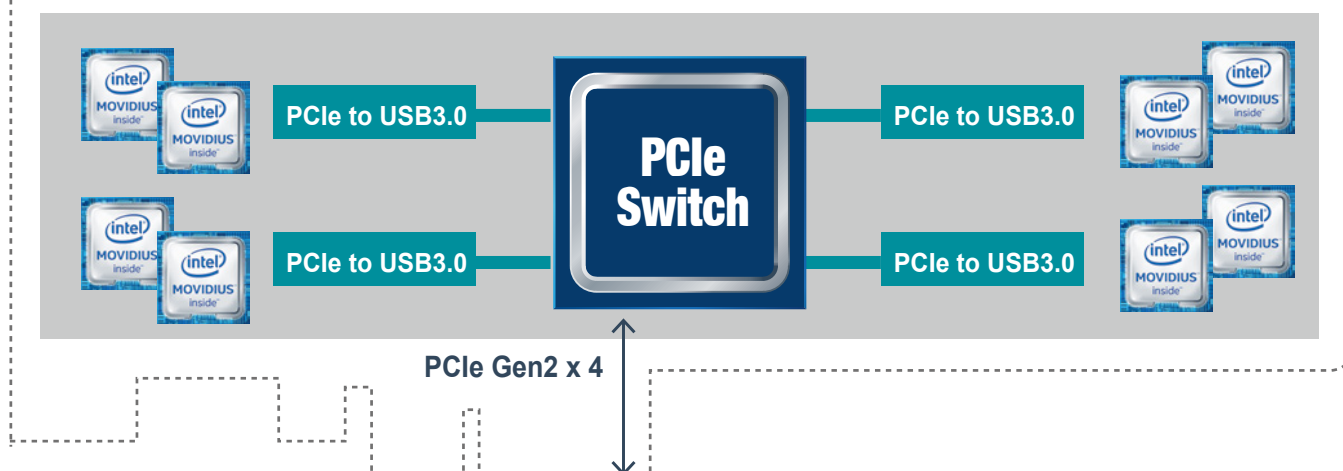
Ordering Information

Part No.	Description
Mustang-V100-MX8-R11	Computing Accelerator Card with 8 x Movidius Myriad X MA2485 VPU, PCIe Gen2 x4 interface, RoHS

Packing List

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

Multiple Intel® Movidius™ Myriad™ X Deep Learning Acceleration Add-in Card



Mustang-V100-MX8 Block Diagram

- 8 Intel® Movidius™ Myriad™ X VPU delivering up to 8 TOPs of dedicated networks compute
 - Interface: PCIe Gen2 x 4
 - Form Factor: Standard Half-Height, Half-Length, Single-slot
 - Cooling: Active fan.
 - Operation Temperature : 0°C~55°C (In TANK Alot Dev. Kit)
 - Operation Humidity : 5% to 90% relative humidity
 - Power Consumption: < 30W
 - Power Connector: *Preserved PCIe 6-pin 12V external power
 - DIP Switch/LED Indicator: Identify card number.
- *Standard PCIe slot provides 75W power, this feature is preserved for user in case of different system configuration

Mustang-V100-MX8 Dimensions (Unit: mm)

