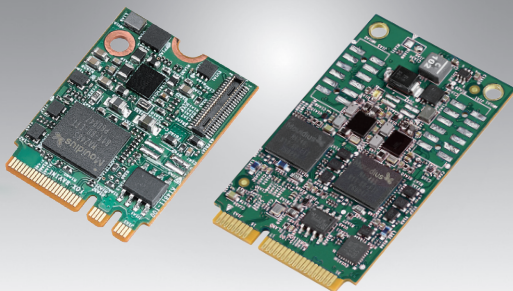


VEGA-320 / VEGA-330

Intel® Movidius™ Myriad™ X Edge AI Module

Preliminary



CE FCC

Features

- Intel® Movidius™ Myriad™ X VPU onboard
- Ultra compact, Low power consumption
- Hardware acceleration for common deep neural networks
- Scalable for multi video streams edge inference
- 10 times the performance compared to previous generation
- Intel® OpenVINO™ toolkit fully supported

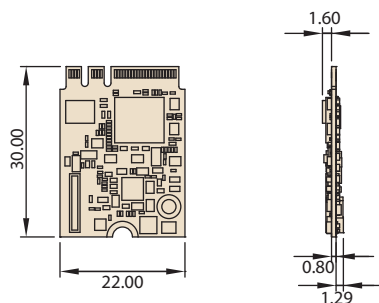
Specifications

	VEGA-320	VEGA-330
SoC	one Myriad X MA2485	Two Myriad X MA2485
Form Factor	M.2 2230 (Key A+E)	Full size Mini PCIe
Dimensions	22mm x 30mm x 3.7mm	30mm x 50.95mm x 4.8mm
Signal Interface	PCIe x1, USB	PCIe x1, USB
Host platform	x86 host platforms Intel 6th gen. Core I platform or latest	x86 host platforms Intel 6th gen. Core I platform or latest
Operating temp.	TBD	TBD
Power consumption	TBD	TBD
Cooling	TBD	TBD
Driver support	Windows 10 Enterprise 64 bit Ubuntu 16.04.1/Kernel 4.4.0 64bit	Windows 10 Enterprise 64 bit Ubuntu 16.04.1/Kernel 4.4.0 64bit
OpenVINO	OpenVINO R4.2 or latest	OpenVINO R4.2 or latest
Framework support	TensorFlow, Caffe	TensorFlow, Caffe

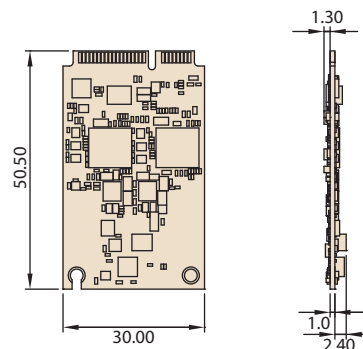
Dimensions

Unit: mm

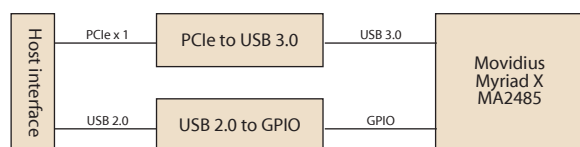
VEGA-320



VEGA-330



Block Diagram



Ordering Information

Part Number	Description
VEGA-320-01A1E	M.2 2230 Intel Myriad X Edge AI acceleration module
VEGA-330-02A1E	Full size miniPCIe Intel Myriad X Edge AI acceleration module