



EGPA-1201

EMPA-1101

Facial Analysis  
XXXXX  
ID: XXXXXXXXXX

Embedded Peripherals

## Bringing Artificial Intelligence to the Edge

Turbo-charging AI Applications in Edge Devices with  
Innodisk's AI Accelerator Cards

Innodisk's brand new AI accelerator cards enable sophisticated AIoT applications by shifting AI computing power to the edge, making edge devices smarter than ever before.

One of the biggest challenges as we move toward a connected future with smart devices virtually everywhere is that of latency. With so many connected devices generating so much data, networks become congested—severely impeding the continued growth of IoT.



The best way to tackle this problem is by

**Powered by Intel's**

moving computing power to the edge and the many devices that operate there instead of sending all data to the cloud for further processing.

Innodisk's AI accelerator cards present an effective solution to this problem and come equipped with Intel's Movidius Myriad X VPU, which is designed to give AI applications on the edge a huge performance boost.

Powerful computing on the edge has never been easier.

## Movidius™ Myriad™ X

Innodisk's AI accelerator cards are powered by Intel's most advanced third-generation Movidius Myriad X Vision Processing Unit (VPU). The VPU is purpose-designed for deep neural network inference, making it ideal for facial recognition, vehicle registration plate recognition, and many more machine vision applications.



### 3000% boost

Innodisk's AI accelerator cards enable an up to 30-fold boost in performance

## Machine vision

Optimized for AI machine vision applications on the edge

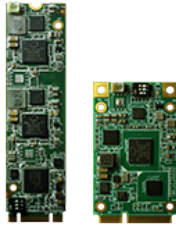


## Wide framework support

Supports most popular deep learning frameworks through the OpenVINO™ toolkit, including Caffe, TensorFlow, and MXNet

## AI Accelerator Cards

[Learn more about Innodisk's AI accelerator cards »](#)



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Check out the new 2020 Selection Guide for our latest flash storage, DRAM, embedded peripherals, and software solutions.

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