

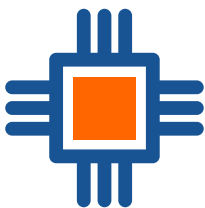


Transforming Devices Through Ultra Low-Power Machine Vision

Movidius is the **world leader in embedded machine vision technology**, providing artificial vision intelligence to the next generation of connected devices. Movidius offers optimally-tuned software libraries for key algorithms in Deep Learning, 3D Depth, Spatial Computing and Natural User Interface. The combination of these powerful algorithms and our skillfully designed ultra low-power VPU (Vision Processing Unit) is opening up new frontiers in computer vision.



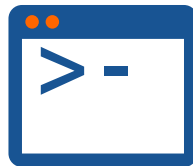
Myriad 2 Processor



Myriad 2 is the industry's **first always-on vision processor**. It delivers high-performance machine vision and visual awareness in severely power-constrained environments.

Standing at the **intersection of low-power and high performance**, the Myriad 2 family of processors are transforming the capabilities of devices. Myriad 2 gives developers immediate access to its advanced vision processing core, while allowing them to develop proprietary capabilities that provide true differentiation.

SDK



The Myriad Development Kit (MDK) includes a **software development framework** that enables developers to incorporate proprietary functions of their own and build arbitrary processing pipelines while utilizing the optimized software libraries provided. Also included are a **rich set of vision, imaging, and linear algebra libraries, plus reference processing pipeline examples**, all provided as source code. The MDK includes all the programming and debugging tools necessary for developers to innovate and differentiate.

Vision Algorithms



Movidius has developed **highly optimized vision algorithms** designed specifically to run at ultra low-power on the Myriad 2 platform. Movidius provides **multiple solutions for 3D depth, object tracking, natural user interfaces and more**. Movidius also brings **artificial neural network compute out of the cloud** and runs them natively on-device thanks to the new Fathom software framework. Customers can leverage our optimized algorithms, or implement their own custom solutions on the programmable Myriad 2 VPU.