

# Movidius™ Neural Compute Stick

Accelerate deep learning development at the edge

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## Introduction

Be on the leading edge of neural network development with the Movidius™ Neural Compute Stick. Prototype and tune your Deep Neural Network with this USB form factor device that enables you to run on a power-efficient device designed for machine intelligence applications.

The USB form factor easily attaches to existing hosts and prototyping platforms, while the Vision Processing Unit (VPU) provides machine learning on a low-power inference engine.

Enter a trained Caffe, feed-forward Convolutional Neural Network (CNN) into the toolkit, profile it, then compile a tuned version ready for embedded deployment using our Neural Compute Platform API.

## Product Features

- Supports CNN profiling, prototyping, and tuning workflow
- All data and power provided over a single USB Type A port
- Real-time, on device inference - cloud connectivity not required
- Run multiple devices on the same platform to scale performance
- Quickly deploy existing CNN models or uniquely trained networks
- Features the Movidius VPU with energy-efficient CNN processing



Visit [developer.movidius.com](http://developer.movidius.com) to learn more.

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