PRODUCT BRIEF



Intel[®] Neural Compute Stick 2 (The) Neural Compute Sick 2

More Cores. More Al Inference.



Learn more about Intel® Neural Compute Stick 2 at developer.movidius.com

Introduction

Bringing computer vision and artificial intelligence to your IoT and edge device prototypes is now easier than ever with the enhanced capabilities of the new Intel® Neural Compute Stick 2 (Intel[®] NCS 2).

Whether you're developing a smart camera, a drone with gesture-recognition capabilities, an industrial robot, or the next, must-have smart home device, the Intel NCS2 offers what you need to prototype smarter.

What looks like a standard USB thumb drive hides much more inside. It's built on the latest Intel® Movidius™ Myriad™ X VPU which features the neural compute engine-a dedicated hardware accelerator for deep neural network inferences. With more compute cores than the original version and access to the Intel[®] Distribution of OpenVINO[™] toolkit, the Intel NCS 2 delivers 8X performance boost over the previous generation.¹

Product Features

- Powered by Intel[®] Movidius[™] Myriad[™] X Vision Processing Unit
- Up to 8X the performance of Intel® Movidius™ Neural Compute Stick¹
- Supported by the Intel[®] Distribution of OpenVINO[™] toolkit •
- Real-time, on device inference cloud connectivity not required
- Run multiple devices on the same platform to scale performance

