

New Product Announcement

Mouser Electronics Now Stocking AAEON UP Squared AI Vision X Developer Kit, Powered by Intel Movidius Myriad X VPU

September 12, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking the [AAEON UP Squared AI Vision X Developer Kit](#). The powerful kit is available with Intel® Movidius™ Myriad™ X technology and includes the OpenVINO™ toolkit for hardware acceleration of deep learning inference for computer vision applications.

The [AAEON UP Squared AI Vision X Developer Kit](#), available from Mouser Electronics, contains a VESA-mountable UP Squared edge computer, 1920 x 1080p EverFocus USB camera, and OpenVINO toolkit R5. The UP Squared computer is based on an Intel Atom® X7-E3950 processor and includes an Ubuntu image, 8 GBytes of memory, and 64 GBytes eMMC.

The kit is available with the AAEON UP [AI Core X](#), the first mPCIe module to feature the Intel Movidius Myriad X vision processing unit (VPU). The low-power, high-performance Myriad X VPU is capable of a wide range of AI applications, from controlling drones to performing industrial inspections. The VPU can process speeds up to 105 fps (80 typical) and one trillion operations per second as a dedicated neural network accelerator. The Myriad X VPU is compatible with the OpenVINO toolkit, making it easy to setup and run AI inference software.

To learn more, visit www.mouser.com/aaeon-up-ai-vision-x-kit.

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About AAEON UP

AAEON UP is a leading designer and manufacturer of professional, intelligent IoT solutions, including the UP Board. The UP Board offers extensive features that make it ideal for applications such as robotics, drones, machine vision, smart home, education, digital signage, intelligent cars, and IoT solutions.

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