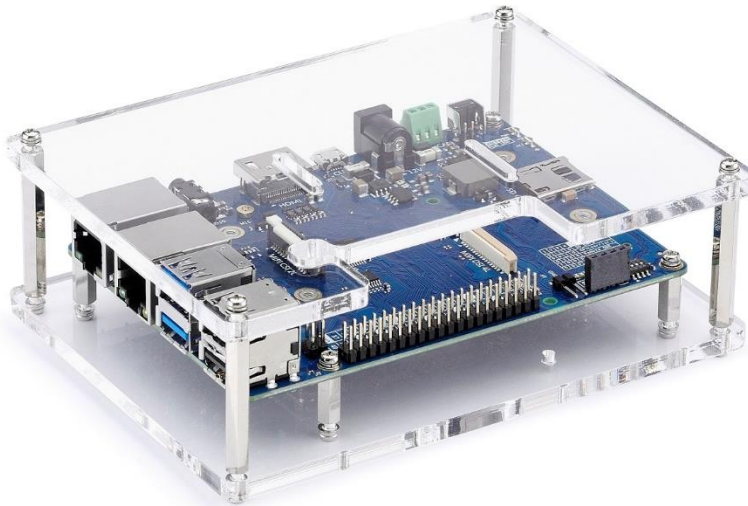


ADLINK Vizi-AI™

Industrial Machine Vision AI Development Kit

Easily connect, design, deploy and improve applications to harness insight from vision data



“Vizi-AI™ combines plug and play hardware and software enabling a faster, easier and scalable starting point for machine vision AI deployments at the edge. This can then be scaled for industrial requirements using the same software but deployed on more powerful hardware as needed.”

ADLINK’s Vizi-AI devkit provides enterprise developers and data scientists with an ideal starting point to find business value from machine vision AI at the edge by enabling easy deployment of their machine learning models.

The Vizi-AI devkit includes:

- Intel Atom based SMARC computer module with Intel® Movidius™ Myriad™ X VPU and 40 pin connector.
- Intel Distribution of OpenVINO toolkit, which optimizes deep learning workloads across Intel® architecture—including accelerators—and streamlines deployments from the edge to the cloud.
- ADLINK Edge™ software which provides enhanced functionality of OpenVINO through the ADLINK Data River™ enabling data to flow freely and securely.
- ADLINK Edge™ Profile Builder which provides a simple, intuitive user experience to manage devices and applications.
- ADLINK Edge™ Model Manager which enables users to add their own models to a pre-loaded selection for easy deployment.
- Dedicated community www.goto50.ai for support, pre-built scenarios and other useful resources.

Developers can easily connect Vizi-AI to different image capture devices and then deploy and improve machine learning models to harness insight from vision data to optimize operational decision-making. Vizi-AI includes a range of pre-built OpenVINO compatible machine learning models that can be used straight out of the box.

This approach can then be scaled for industrial requirements using the same software but deployed on more powerful hardware as needed. Using the Vizi-AI devkit as a starting point ensures the ultimate future-proofed flexibility.

Order now \$199 (special introductory price)



IoT Solutions
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Specifications

| | |
|---------------------------------|--|
| Model Name | Vizi-AI |
| System Specification | |
| CPU | Intel Atom® x5-E3940 SOC |
| VPU | Intel® Movidius™ VPU Myriad-X |
| Memory | 4GB LPDDR4 (max 8) |
| Storage | 32GB eMMC |
| Video/Audio | |
| HDMI | 1x HDMI |
| LVDS/eDP | Optional single channel on flat cable |
| Audio codec on carrier | Stereo headphone audio connector |
| Network | |
| Ethernet | 1x Gb Ethernet full speed RJ-45 |
| I/O | |
| USB | USB 3.0 x2, USB 2.0 x2, USB 2.0 Client x1 |
| MRAA compliant 40 pin connector | GPIO, AD, PWM, I2C, RS232, SPI |
| Power | |
| Standard input | 12V (110/220V 2.5A adapter for US or EMEA) |
| Software | |
| Linux | Debian 9.9 |
| ADLINK | ADLINK Edge™ |
| Intel | OpenVINO™ toolkit R5 + OpenCV (developer) |

What's in the box

- Vizi-AI
- Ethernet Cable
- Power Adapter US

*Software download requires internet connection

*Camera excluded

For more information

Visit <https://www.adlinktech.com/en/Vizi-AI-devkit>

**Order now for \$199 from Arrow
(special introductory price)**



Vizi-AI

Industrial Machine Vision AI Developer Kit