



Edge AI/ML: Vision & Speech Kit

The Pro Edge AI/ML: Vision and Speech Kit is the perfect way to learn and create solutions focused on artificial intelligence using computer vision, speech recognition, and machine learning on the Edge.

Practice with Edge AI tools to implement automation systems capable of image recognition and classification for object shape and position detection.

Get familiar with Speech Recognition tools to realize voice-controlled applications, capable of being part of hands-free systems or out-of-reach equipment.

Integrate all with remote control thanks to the Arduino Cloud, experiencing the Arduino C++ based programming easiness.

2x Arduino Speech Recognition Engine

Machine Learning Tools add on for IoT Cloud

Expert Arduino Service & Support included

3 months Arduino Cloud for Business voucher

Quickly put them to work, leveraging the many available software libraries from Arduino and the compatible third party integrations for AI transformation.

The Arduino PRO Kits are development enablers designed to offer end to end solutions to deep dive the technological experiences offered by the Arduino Ecosystem, targeting specific verticals. Made of a set of selected products, accessories, tools and guides, are easy and ready-to-use bundles to build professional applications and proof of concepts.

Quickly put them to work, leveraging the many available software libraries from Arduino and the compatible third party integrations for AI transformation.

Take advantage of the zero touch programming experience of the Arduino IoT Cloud: the onboard secure element ensures over-the-air firmware updates and remote control via the Arduino Cloud or third-party services.

Applications

- Industrial Automation:

- Goods quality control and counting
 - Predictive Maintenance
 - Voice controlled machines
- Smart Cities
 - Building Automation
 - Condition monitoring
 - Appliances control systems
- Healthcare
 - Patient monitoring

Kit Contains:

- Arduino Portenta H7
- Arduino Portenta Vision Shield Ethernet
- Arduino Nicla Vision
- Arduino Enclosure for Nicla Vision

Software Included:

- 2x Arduino Speech Recognition Engine
- Arduino Cloud for Business 3 months voucher
- Machine Learning Tools for IoT Cloud

Service & Support Included:

- 1hr remote consulting for Product Selection with an Arduino or Arduino Partner expert
- 2hrs remote Technical Support from an Arduino Expert