

# IoT Foundational Developer Kits

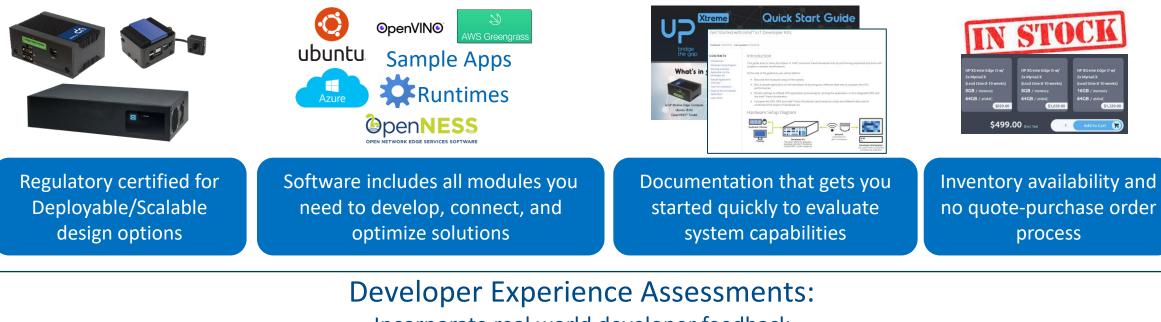
Daniel Tsui Intel Corporation



# What Makes up a Foundation Dev Kit?



Everything you need packaged and pre-installed to begin your development out of the box

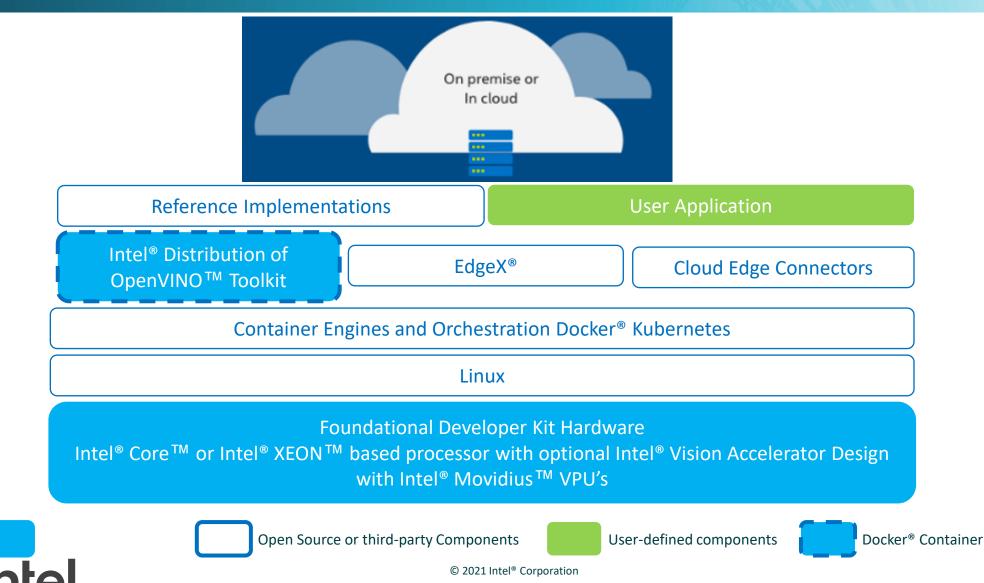


Incorporate real world developer feedback



# Pre-installed Edge Insights for Vision Software Package





## **Busnet Defence Line Kit**



## **Use Case: Human Wellness Monitoring**

Business compliance to health and safety requirements for COVID-19

- Configurable access control
- Continuous monitoring
- Real Time Alerts



## **Benefits**

Pre-validated software

Rapid deployment of software solutions

## Flexible Container Structure

• Expand Services and Sensor capabilities

## Heterogenous architecture

- Intel Atom®
- Intel<sup>®</sup> Movidius<sup>™</sup> VPU



# intel

## **Converged Edge Devkit**





### Edge Inferencing

### 5G On-premise Edge Platforms

## **Benefits**

- Edge inferencing for on-premise edge 5G
- Consolidation of workloads
- Reduced time to deploy with pre-validate use cases



## intel

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# **IoT Developer Kits and Accelerators**





https://software.intel.com/content/www/us/en/develop/topics/iot/hardware.html

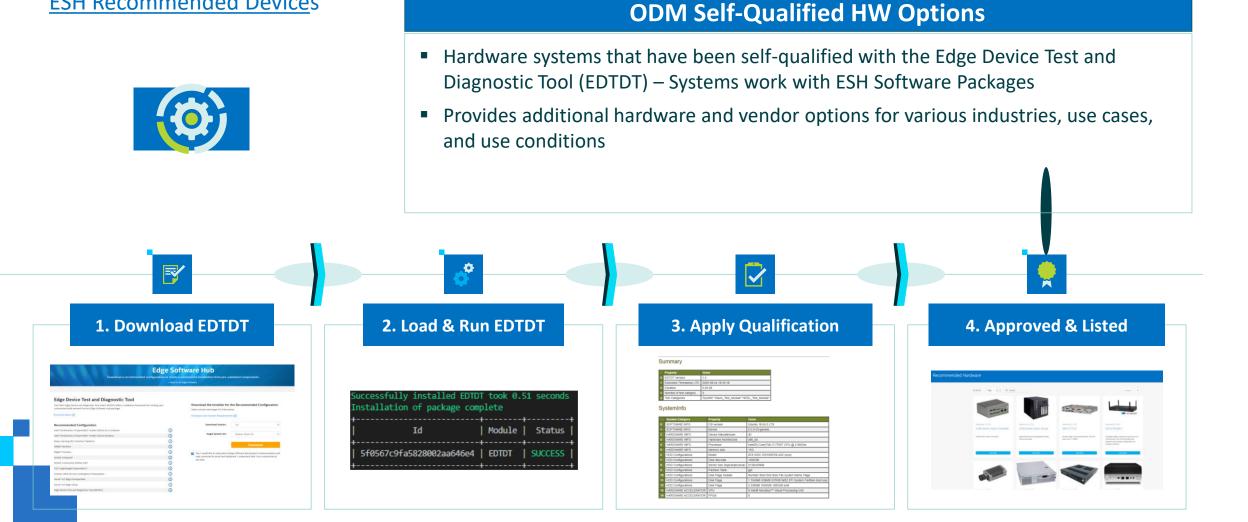
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# Intel<sup>®</sup> Edge Software Hub (ESH) Device List



### **ESH Recommended Devices**



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- Enabling developers with development tools, samples, and documentation on scalable/deployable developer kits
- Software packages and reference implementations pre-validated on developer kits for developers to sample platform capabilities
- Provide developers other hardware vendors certified to work with Intel Software Packages





- Foundational Developer Kits
- Edge Software Hub

Links

Edge Software Hub Recommended Hardware