



# Ara-1 USB Module for AI-Integrated Cameras and Embedded Systems

## ARA-1-USB-MODULE

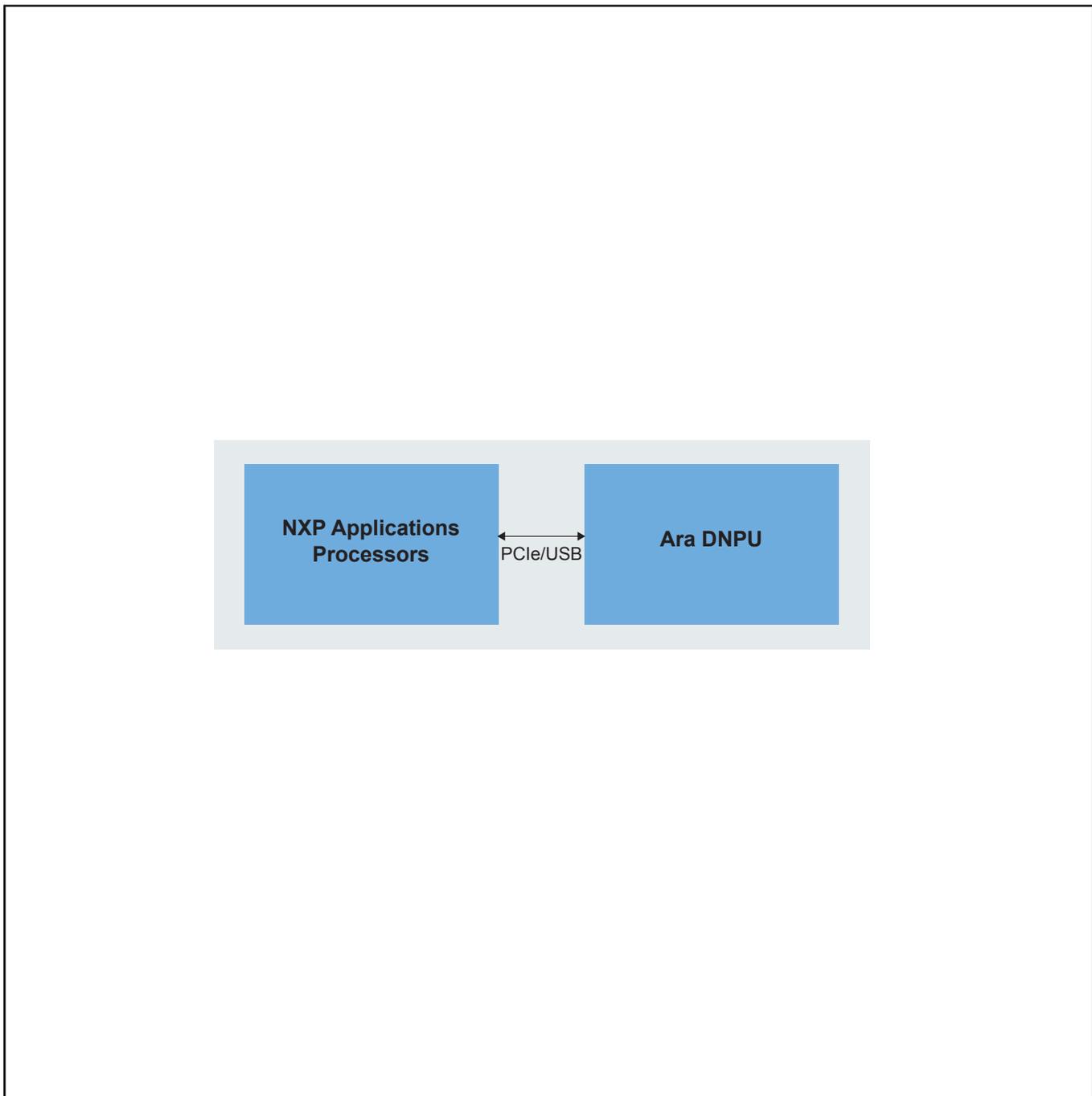
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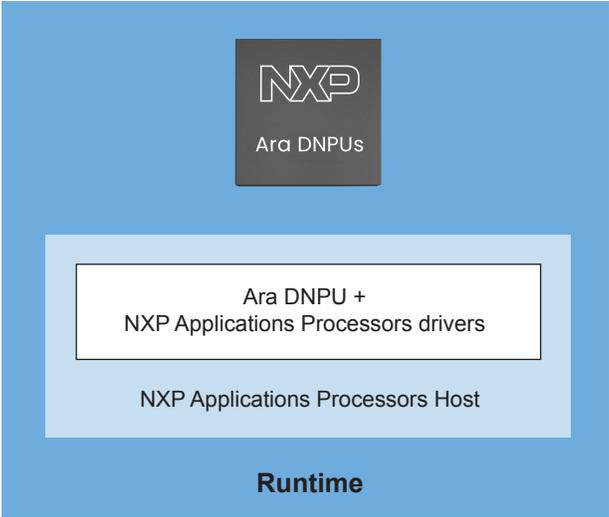
Last Updated: Dec 29, 2025

The Ara-1 USB module is a compact, plug-and-play AI accelerator featuring the [Ara-1 discrete neural processing unit \(DNPU\)](#) for edge-AI applications. It supports multiple AI frameworks, including TensorFlow, PyTorch and ONNX. The Ara-1 USB module is capable of running models with low-latency. The module offers seamless integration with Linux-based host systems, enabling rapid deployment of AI solutions.

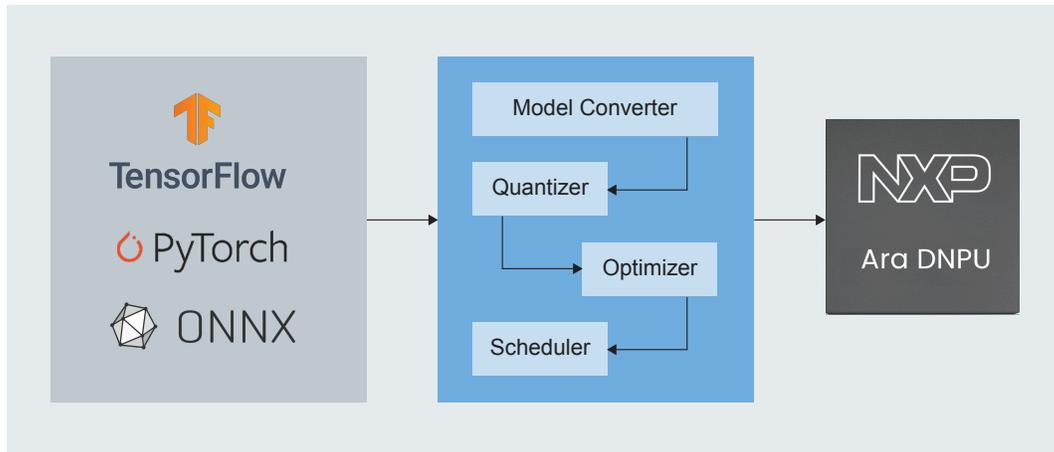
## NXP Applications Processor and Ara DNPV Connection Block Diagram



## Integration of Ara DNPV and Applications Processors Host with Drivers Block Diagram



**Machine learning deployment flow Block Diagram**



View additional information for [Ara-1 USB Module for AI-Integrated Cameras and Embedded Systems](#).

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