

Highly Optimized AI Solutions for Microcontrollers

NALBI Inc

In on-device AI, it is always a big challenge to achieve good performance for commercial applications on small devices with limited resources.

To satisfy the application requirements with tiny models, the entire steps of AI model deployment such as data collection, model design, search, quantization, compression, and implementation should be optimized together considering the power efficiency, computing power, and memory of the target platform.

Based on wide experience in on-device AI deployment from mobile to edge, NALBI will demonstrate highly optimized AI solutions for human detection, age & gender classification, and face recognition running on microcontrollers.