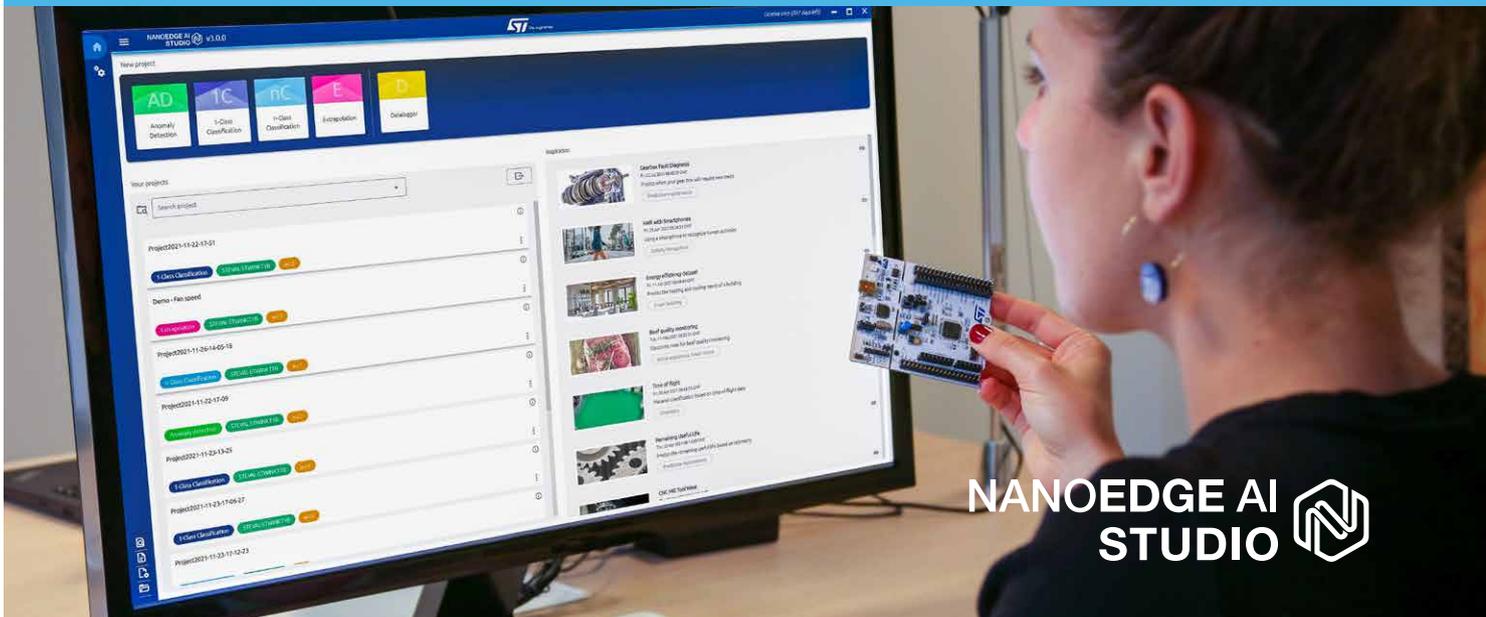# NANOEDGE AI STUDIO

Development tool to quickly add Machine Learning to deep edge devices

NANOEDGE AI STUDIO

Complete solution to integrate Machine Learning capabilities into STM32-based devices in a quick, easy, and cost-effective way

NanoEdge* AI Studio is a Machine Learning tool, which allows users to bring true innovation to their end design. In just a few steps, developers can automatically generate an optimized Machine Learning library for their Edge AI solutions, based on a minimal amount of data.

Add intelligence to your product! Create fully customized and cloud-independent AI solutions for anomaly detection, classification, and regression applications:

1. Provide the tool with real-life application data examples

2. Generate your optimized, tiny ML library, capable of on-device learning and ready for product integration

Get started today! Download the trial version
https://www.st.com/neaistudio-v3

NanoEdge AI Studio now supports ST's sensors with ISPU

KEY FEATURES & BENEFITS
- Train & infer directly on the target
- No data sent to the cloud
- Ready-to-use optimized model creation
- Reduce development time and effort: benchmark millions of ML algorithm combinations in minutes
- Generate optimized anomaly detection, classification and extrapolation libraries even without AI expertise

KEY APPLICATIONS
- Industrial predictive maintenance
- Home appliance anomaly detection
- Person presence detection
- Motor control condition monitoring

www.st.com/stm32ai