NEUROCLE × intel.

No-Code Deep Learning Vision Inspection for Industrial Experts
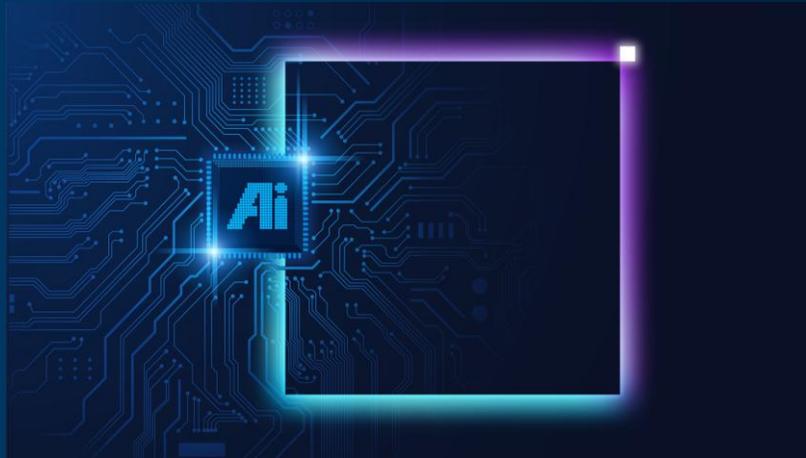
Neuro-T, Neuro-R

*Neurocle enables industrial experts to deploy **fast, high-accuracy vision inspection without AI expertise.***

Neuro-T: No-code, GUI-based model trainer

Neuro-R: Runtime library for real-time model deployment

Core Technology: At the core of the solution is an Auto Deep Learning algorithm that automatically identifies optimal model architectures and tunes hyperparameters, eliminating the need for manual AI design or coding. Through simple, GUI-based workflows, users can quickly generate highly accurate models optimized for real manufacturing conditions.

Key Features of the Auto Deep Learning Vision Inspection Software — powered by Intel® Core™ Ultra Series 3 Processors and optimized with the OpenVINO™ toolkit:

- **Nine Types of Deep Learning Models:** Flexible model selection to best fit each application

- **Auto-Labeling:** Up to 17× faster than manual labeling using clicks, drags, and simple keyword inputs

- **Flowchart & Inference Center:** Design, evaluate, and validate multi-model workflows

- **Fast Inference Speed:** Optimized inference across CPU, GPU, and NPU

intel ai
Intel® AI Edge Applications

Key Intel-Enabled Features

| Fast Edge Inference | High Accuracy | Multi-Device Inference | AI Optimization |

Accelerate Business Transformation with Optimized, Ready-to-Deploy, Intel-Powered AI Partner Solution

- The OpenVINO™ toolkit optimizes inference across Intel CPU, GPU, and NPU

- High-speed, high-accuracy inspection in edge environments

- Flexible deployment on a wide range of Intel edge devices

Intel Products and Technologies

- Intel® OpenVINO™ Toolkit
- Intel® Core™ Ultra Series 3 Processors
- Intel® Arc™ Series

Ordering Guidance:

- Contact Us

Country/Geo: Latin America Region; Europe, Middle East, and Africa; Asia Pacific, Japan, Australia & New Zealand; PRC; India

Edge Verticals: Manufacturing & Robotics

Edge Use Cases: Quality Control; Anomaly Detection; Quality Inspection

Learn more:

- Neurocle Website