Nota AI’s proprietary hardware-aware AI optimization platform NetsPresso enables developers to build, optimize and deploy up to 33x lighter AI models on a RZ/V2M microprocessor, which delivers > 2.6x faster AI inference at lower power consumption.

Solution Summary

• Faster Time to Market
  NetsPresso allows users with no AI expertise to search optimized models for their target device in a day or so.

• Performance Enhancement
  Improvement of latency from 74.7 to 28.3ms with a significant energy efficiency

• Model Size Reduction
  Using YOLOv2 on Pascal VOC dataset, down to 5.77MB from 193MB (97% reduced)

Features/Benefits

Target Markets and Applications

• Transportation
• Security and Surveillance

• Automotive
• Industrial IoT

https://netspresso.ai
NetsPresso
A hardware-aware AI optimization platform

Driver Monitoring System
We pursue road safety with the fastest and lightest in-cabin AI solution
- Distraction Detection
- Driver Identification
- Smoking Detection
- Drowsiness Detection
- Cell Phone Usage Detection

Intelligent Transportation System
We green-light roads with AI
- AI Traffic Camera
- AI Safe Crossing
- AI Traffic Signal Control