Blog Posts and Papers on Edge AI

Here's a quick summary of some of the blog posts and papers I've published during the latter half of 2025, typically as part of highlighting the capababilities, use cases, and benefits of Open Edge Platform from Intel.

The platform delivers a modular, composable stack of open-source software optimized to rapidly deploy, secure, and scale AI solutions at distributed edge sites. Open Edge Platform comprises Edge Microvisor Toolkit, Edge Manageability Framework, Edge AI Libraries, and Edge AI Suites.

In addition, the OS Image Composer tool lets you rapidly create and easily manage custom Linux images to meet your organizations' exacting requirements for edge AI workloads. The tool gives you a standardized, extensible framework for composing operating system images from pre-built artifacts of any Linux distribution that supports Debian or RPM packages. See my recent blog post on Medium: Composing Custom Linux Images with the Inaugural Release of OS Image Composer.

Here are links to my recent blog posts and papers:

- A Medium Blog Post on Evaluating Security Capabilities for Edge AI.

- The Robotics AI Suite goes gold with release 2025.2 of Edge AI Suites.

- Ringing in release 2025.2 of Edge AI Libraries.

- Ringing in Release 2025.2 of Edge Manageability Framework.

- A GitHub Discussions blog post titled Validating the Performance of Edge AI Workloads on Intel Processors with Edge Microvisor Toolkit on running easy-to-benchmark sample applications for smart traffic intersections and wind turbine predictive maintenance on Edge Microvisor Toolkit to showcase the power and performance of running edge AI workloads on Intel processors.

- A description of the purpose and capabilities of Edge Microvisor Toolkit and an explanation of the toolkit's open source release policy model.

- A short blog post on where to download the various versions of Edge Microvisor Toolkit.

- Deploying Edge Microvisor Toolkit with Edge Manageability Framework to Evaluate Intel Processors for AI Workloads, a GitHub Discussions blog post on using the different versions of the toolkit to evaluate the latest Intel processor optimizations.

- A blog post to highlight the latest release of Edge Microvisor Toolkit.

- A blog post on the public availability of OS Image Composer.

- A blog post on using the real-time version of Edge Microvisor Toolkit.

- A blog post on selecting a version of Edge Microvisor Toolkit for demonstrating the capabilities of Intel platforms.

- An FAQ on the Purpose and Uses of Edge Microvisor Toolkit.

- An evolving list of resources for participating in or contributing to Open Edge Platform.

- A GitHub Discussions blog post that includes a concise section on how to download, install, and try out the OS Image Composer tool.

- A white paper titled Composing and Managing Custom OS Images for Performance, Scalability, and Security at the Edge that describes the vision, capabilities, and business benefits of the OS Image Composer tool.

- An end-of-the-year LinkedIn post on various recent publications.

- Blog post on Medium: Composing Custom Linux Images with the Inaugural Release of OS Image Composer.

- More Edge AI blog posts on Medium.