

## Accelerate development of edge AI applications with Intel’s Open Software Platform

The open software platform is comprised of a collection of modular, open-source software components that simplify the development, deployment and management of edge AI applications at scale.

Software Components for Edge AI Applications			
Functions	Components	Source	URL
<b>AI Algorithm Implementation</b>	3D Diffusion Policy (for robotics)	Open Edge Platform	<a href="#">URL</a>
	Anomalib (for anomaly detection)	Open Edge Platform	<a href="#">URL</a>
	Diffusion Policy (for robotics)	Open Edge Platform	<a href="#">URL</a>
	Diffusion Transformer (for robotics)	Open Edge Platform	<a href="#">URL</a>
	Time Series Analytics (microservice)	Open Edge Platform	<a href="#">URL</a>
<b>AI Inference and Model Deployment</b>	Model Registry microservice	Open Edge Platform	<a href="#">URL</a>
	Multi-modal Embedding Serving (microservice)	Open Edge Platform	<a href="#">URL</a>
	OpenVINO for GenAI	Open Edge Platform	<a href="#">URL</a>
	OpenVINO Toolkit (Runtime, Model Server, Model API)	Open Edge Platform	<a href="#">URL</a>
	Optimum Intel (for GenAI)	Hugging Face	<a href="#">URL</a>
	Pytorch (version 2.7 and newer)	Pytorch distribution	<a href="#">URL</a>
	Tensorflow (with <a href="#">Intel Extension for Tensorflow</a> )	Tensorflow distribution	<a href="#">URL</a>
	vLLM with OpenVINO	vLLM project	<a href="#">URL</a>
VLM Inference Service	Open Edge Platform	<a href="#">URL</a>	
<b>Data Analytics &amp; Machine Learning</b>	Gradient Boosting Optimizations	from Intel	<a href="#">URL</a>
	High Performance Python components	Intel Distribution for Python	<a href="#">URL</a>
	Intel Extension for Scikit-Learn	from Intel	<a href="#">URL</a>
	Isolation Forest microservice	Open Edge Platform	<a href="#">URL</a>
	Modin (including Intel optimizations)	Modin distribution	<a href="#">URL</a>
	Random Forest microservice	Open Edge Platform	<a href="#">URL</a>
<b>Digital Twin</b>	Intel Scenescape (spatial intelligence engine)	Open Edge Platform	<a href="#">URL</a>
<b>Media Handling and Processing</b>	Audio Analyzer microservice	Open Edge Platform	<a href="#">URL</a>
	Deep Learning Streamer (or Pipeline Server)	Open Edge Platform	<a href="#">URL</a>
	Document Ingestion microservice	Open Edge Platform	<a href="#">URL</a>
	FFmpeg with Intel optimization (QSV/VA-API)	FFmpeg distribution	<a href="#">URL</a>
	Gstreamer with Intel optimization (QSV/VA-API)	Gstreamer distribution	<a href="#">URL</a>
	MediaPipe with OpenVINO calculator	OpenVINO Toolkit	<a href="#">URL</a>
	Multi-level Video Understanding microservice	Open Edge Platform	<a href="#">URL</a>
	OpenCV optimized with oneAPI	OpenCV distribution	<a href="#">URL</a>
	Vector Retriever microservice	Open Edge Platform	<a href="#">URL</a>
	Video Chunking Utilities	Open Edge Platform	<a href="#">URL</a>
	Video Processing Libraries	from Intel	<a href="#">URL</a>
	Visual Data Preparation microservice	Open Edge Platform	<a href="#">URL</a>
<b>RAG/Agentic AI</b>	GenAI microservices	Open Platform for Enterprise AI	<a href="#">URL</a>
	Intel Super Builder API Service	Intel AI Super Builder	<a href="#">URL</a>
<b>Miscellaneous</b>	Other software components optimized with oneAPI libraries	OneAPI Base Toolkit	<a href="#">URL</a>