MOBILINT

World's best AI chip solutions for
edge and on-premise AI

We bring
Intelligence Everywhere

Accelerate the future with

Mobilint MLA100

MLA100 is a world's leading deep learning accelerator PCIe card for edge and on-premise AI. It delivers outstanding AI performance (up to 80TOPS) with low energy consumption, size, and cost, overcoming the limits of existing processors and enabling real-time AI technologies in edge environments.

MLA100 is a versatile AI accelerator that supports a wide range of development environments (ML frameworks, OS, etc.) and can perform over 100+ AI model calculations at optimal performance. With MLA100, you will be able to develop any AI product/service that you dreamed of.

• Specification

Performance	64 TOPS (Boost 80 TOPS)		Supported Host HW	x86 and ARM Aarch64 based Architecture
Host Interface	PCIe Gen 4.0 8-lane		Memory Capacity	16 GB (optional. 32GB) LPDDR4/4X
Supported Host OS	Linux, Windows		Power (TDP)	25 W

All around solution for AI

Mobilint MLX-A1

MLX-A1 is a revolutionary standalone AI Box for high performance edge devices. This compact HPC board is ready to solve any problem related to edge AI.

MLX-A1, equipped with a high-performance AI engine and host processor, is compatible with both Linux and MS windows.

With its high performance and broad compatibility, MLX-A1 can meet the needs of most customers who want to add AI functions to their products.

KEY FEATURES

Cost effective
Best option for engineers with a lower price per performance ratio

High accuracy
World-leading lightweight technology maintains 99.9 % accuracy of existing models

Scalable
Solution for all edge devices supports 1~100+ TOPS

Easy to use
User-friendly full-Stack SDK that supports major ML frameworks including Tensorflow, Pytorch, ONNX

Programmable
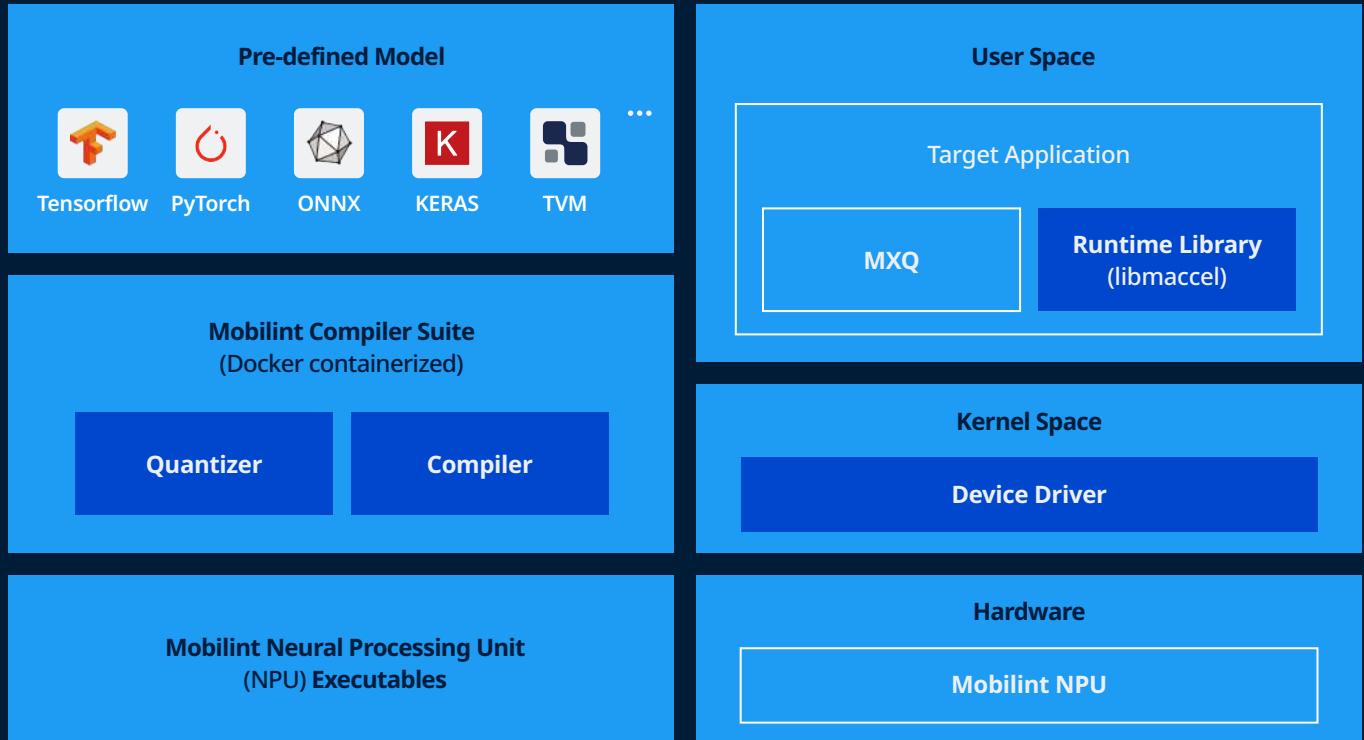Supports more than 100 deep learning models, including SOTA models, with excellent performance

Eco friendly
Eco-friendly solution that maximizes data reuse and minimizes memory access for high energy efficiency

User-friendly Mobilint SDK

SDK qb

Mobilint NPU SDK 'qb' ensures quick build of AI applications. Mobilint's full-stack SDK is intuitive and easy to use as it provides a familiar development environment to users.

Pre-defined Model

Tensorflow PyTorch ONNX KERAS TVM ...

Mobilint Compiler Suite
(Docker containerized)

Quantizer Compiler

Mobilint Neural Processing Unit
(NPU) Executables

User Space

Target Application

MXQ Runtime Library (libmaccel)

Kernel Space

Device Driver

Hardware

Mobilint NPU

APPLICATIONS

Smart Factory & Robotics

Smart City

Smart Farm

Intelligent CCTV & Super Resolution

About Mobilint

Mobilint provides high performance and low power edge AI chip and full-stack S/W solution. We solve the problems caused by the low performance of existing processors through high-performance NPU and expand the limits of AI technology.

This will make it possible to actually use the technologies that were only theoretically possible, not only making people more convenient and safer, but also enriching the imagination of engineers.

We believe that AI has the potential to revolutionize our lives in a variety of ways. We are committed to developing and deploying AI acceleration technologies that make the world a better place for everyone.

Learn More QR

mobilint

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