



NPU AI Accelerator

Mobilint MLA100

Edge NPU AI Computer

Key Features

- Peak Performance – 80 TOPs
- Host Interface – PCIe Gen4 8-lane
- Form Factor – Full-Height Half-Length
- Memory Type – LPDDR4X (4266 Mbps)
- Memory Size – 16 GB (max. 32 GB)
- TDP – 25W

Introduction

The **MLA100** NPU AI Accelerator is equipped with Aries, a high-performance NPU developed by Mobilint, and is provided in the form of a CEM Add-in-Card that complies with the basic form factor of PCI Express.

The two main features of the **MLA100** are high energy efficiency and incredible Deep Learning processing speed, enabling high-performance AI inference on edge devices. The Companion AI Accelerator, which can operate with a variety of host processors, can perfectly perform AI algorithms and provides AI performance of up to 80 TOPS. Major application areas include high-performance edge fields such as self-driving cars, smart factories, and machine vision.

MLA100 will empower everyone to enrich our daily lives and communities with advanced AI applications previously only dreamed.

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