

Overview

The MNS1076 AMP Evaluation System is the most convenient way to evaluate Mythic's high performance, yet power-efficient AI inference solution, without needing to install software and drivers. The AMP Evaluation System incorporates the M1076 Mythic Analog Matrix Processor (Mythic AMP™) which is arranged in an array of AMP tiles each featuring a Mythic Analog Compute Engine (Mythic ACE™). The M1076 AMP is ideal for processing deep neural network (DNN) models in a variety of applications, including video surveillance, industrial machine vision, and edge servers.

Key Benefits and Features

- No hardware, software or driver installation required. Start evaluating DNN performance within minutes of unpacking the system
- Easy to use software tools to run inference on pre-qualified networks including object detectors, classifiers, pose estimators, with more being continuously added
- M1076 Mythic AMP™ with 80M weight storage on-chip and matrix operations by AMP tiles.
- Mythic Software Toolkit

System Features

- Operating System : Ubuntu 16.04
- Intel® based motherboard
- 8th Gen Intel® Core Processor



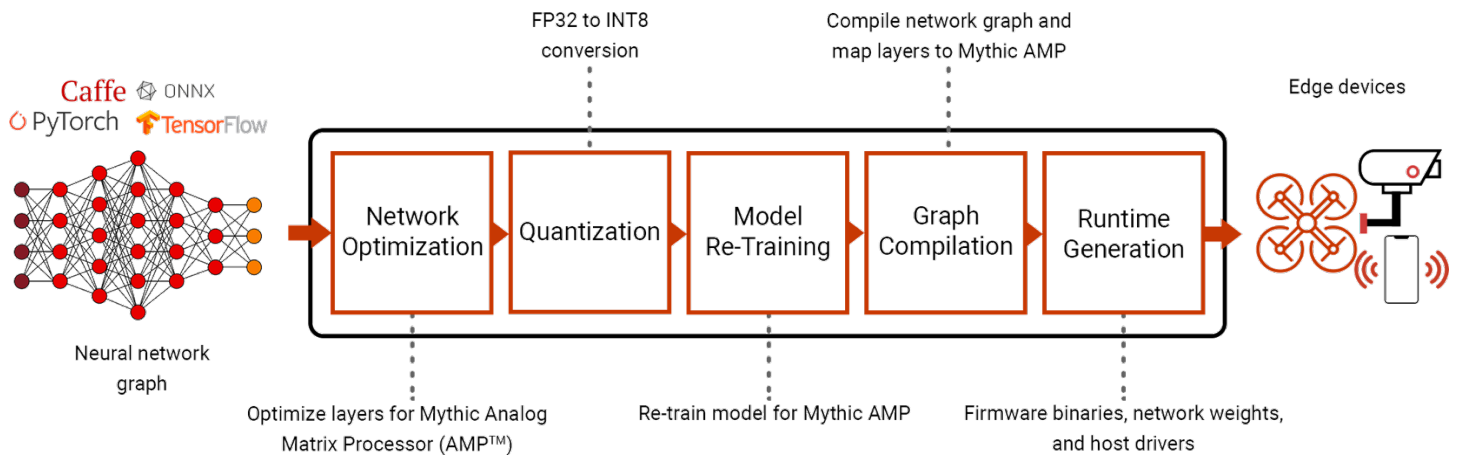
Target Applications

- Video Surveillance
- Industrial Machine Vision
- UAV/Drones
- AR/VR
- Edge Servers

Physical Specification

- Dimensions : 4.25" L 4.25" W 1.75" H
- Operating Temperature: 0°C – 40°C (ambient)

AI Software Workflow



Order information

Part Number	Description
MNS1076	Mythic M1076 AMP Evaluation System

ABOUT MYTHIC

Mythic has developed a unified hardware and software platform featuring its unique Mythic Analog Compute Engine (Mythic ACE™) to deliver revolutionary power, cost, and performance that shatters digital barriers preventing AI innovation at the edge. The Mythic Analog Matrix Processor (Mythic AMP™) makes it much easier and more affordable to deploy powerful AI solutions, from the data center to the edge device. The company has raised over \$165.2 million to-date and has offices in Redwood City, CA and Austin, TX.

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