

# NXP-HAI02

NXP i.MX8M Plus with Hailo-8™ AI Board



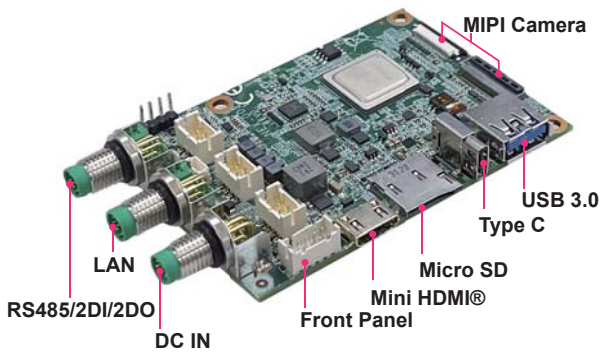
## Features:

- NXP i.MX8M Plus (Quad core) ARM Cortex-A53 processor up to 1.8 GHz
- LPDDR4, 8GB
- 32GB eMMC 5.1, option 64 / 128 / 256GB ; 1 x Micro SD
- Onboard Hailo-8™ AI processor ; 2 x MIPI – CSI
- 1 x Mini HDMI® ; 1 x GbE (M8 I/O) ; 1 x USB 3.0 Type A
- 1 x USB 3.0 Type C ; 1 x RS485 (M8 I/O)

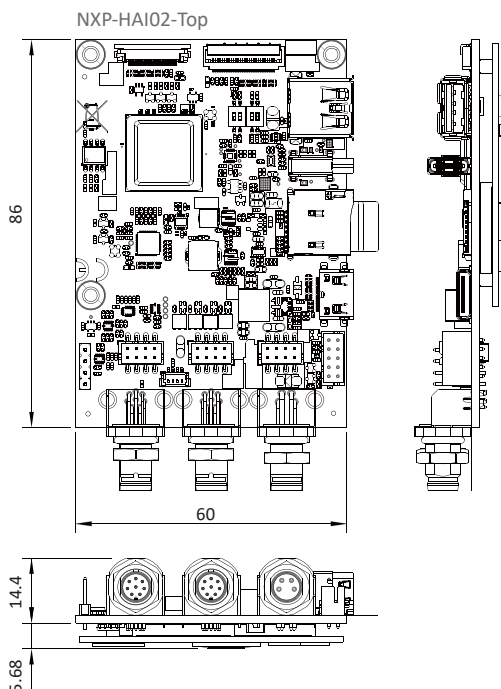


## Specifications :

- CPU  
NXP i.MX8M Plus (Quad core) ARM Cortex-A53 processor up to 1.8 GHz
- GPU  
Vivante GC700UL GPU
- System Memory  
LPDDR4 8GB
- Storage  
32GB eMMC 5.1 ; option 64 / 128 / 256GB ; 1 x Micro SD
- Display  
1 x Mini HDMI®
- AI Accelerator  
Onboard Hailo-8™ AI processor
- LAN  
1 x GbE (M8 I/O)
- USB  
1 x USB 3.0 Type A, 1 x USB 3.0 Type C
- Serial IO & DI/O  
1 x RS485 + 2DI / 2DO (M8 I/O)
- Camera  
2 x MIPI – CSI (Support Basler MIPI Camera & Sony MIPI Camera)
- OS Support  
Yocto
- Power Input  
Wide Range DC-IN 9-24V (M8 I/O)
- Dimension  
60W x 86D mm  
(NEX-8MP: 58.42 x 58.42 mm) ; Weight: 50g
- Operation Temperature  
-40°C~65°C (100 % CPU Usage)
- Operation Humidity  
5~95%, non-condensing
- OS Support  
Yocto mickledore imx-6.1.55-2.2.0\_desktop (Proof of Concept ; POC)



## Dimensions: (Unit:mm)



Specification are subject to change without prior notice. ODM / OEM is available.