

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

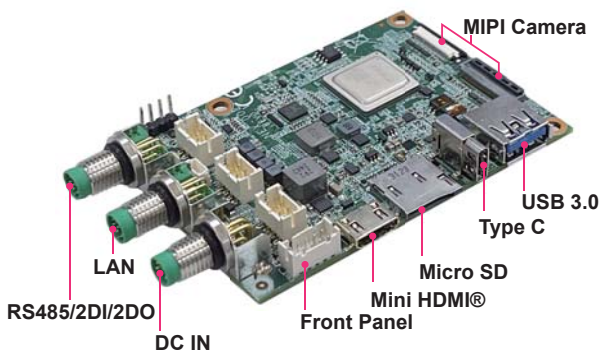
(NEX-8MP: 58.42 x 58.42 mm) ; Weight: 50g

■ Operation Temperature

-40°C~65°C (100 % CPU Usage)

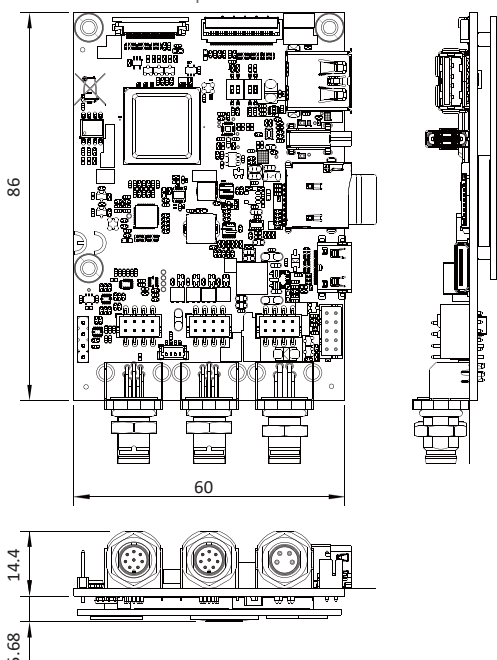
■ Operation Humidity

5~95%, non-condensing



■ Dimensions: (Unit:mm)

NXP-HAI02-Top



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