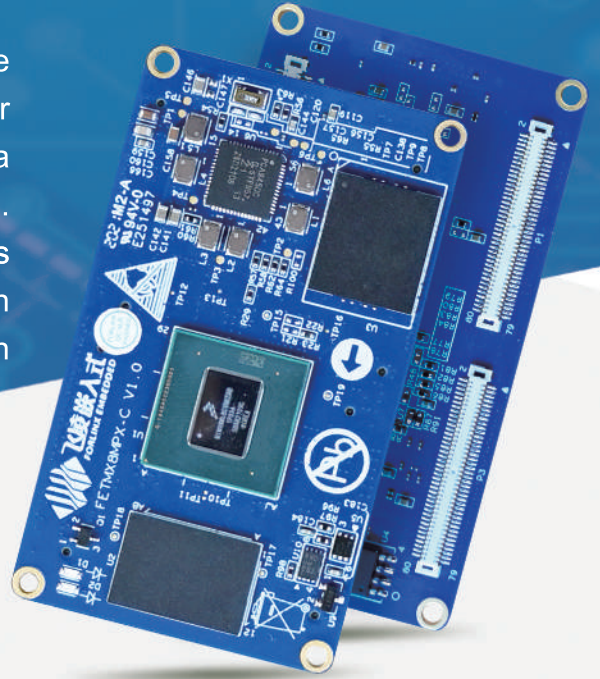


FETMX8MP-C System On Module

FETMX8MP-C System On Module (SoM) is based on the NXP i.MX 8M Plus processor. Powerful quad-core or dual-core Arm® Cortex®-A53 processor at 1.6GHz, with a Neural Processing Unit (NPU) operating at up to 2.3 TOPS. The i.MX 8M Plus module is aimed to offer for applications mainly focusing on Machine Learning, NPU and vision system, advanced multi-media and industrial automation with high reliability.



- **SoC**

- NXP i.MX8M Plus

- 4 x Cortex-A53 +Cortex-M7, 1.6GHz

- GPU, VPU, NPU ,ISP

- **Memory& Storage**

- 2GB/4GB LPDDR4

- 16GB eMMC

- **Display Support**

- MIPI-DSI, 2x4 Lane MIPI CSI

- LVDS

- HDMI

- **Camera**

- Audio

- Digital Audio HIFI 4DSP

- **Power**

- 5V

- **Networking**

- 2x10/100 Mbps Ethernet

- Support with TSN

- **Other Interface**

- CAN, I2C, SPI, PWM, JTAG, UART, SD

- **OS Support**

- Linux 5.4.70+QT5.15, Android 11

- **Operation Temperature**

- 40°C~ +85°C

- **Dimensions**

- 62mm × 36mm

- Thickness 1.6mm,

- 8-layer ENIG PCB

- Board-to-Board connector

- (4*80pin pitch 0.5mm)