



# FETMX6ULL-C SoM

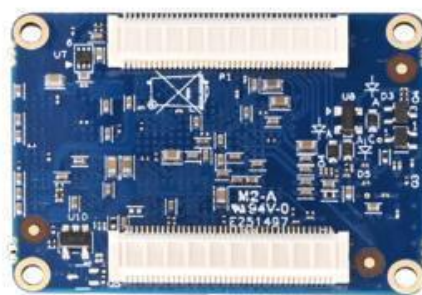
## OVERVIEW



FETMX6ULL-C system on module is designed based on NXP Cortex-A7 featuring CPU i.MX6ULL processor. It runs at 800MHz, and the SoM is compact but powerful. It can support 8x UART, 2x Ethernet, 2x CAN, 2x USB2.0, LCD and other peripheral sources.

### SoM FETMX6ULL-C Features

CPU	NXP i.MX6ULL	UART/IrDA	8
Architecture	Cortex-A7	SPI	4
Frequency	800MHz	IIC	4
RAM	512MB DDR3	CAN	2
Flash	8GB eMMC	USB	2, USB2.0
OS	Linux4.1.15+ QT5.6	SD/ MMC/ SDIO	2
Voltage input	3.3V	Ethernet	2, 10M/ 100Mbps
Working Temp	-40°C~ +85°C	ADC	10
Dimensions	40x 29mm	eSAI	1
Package	2x 80-pin connector, pitch 0.5mm	KeyPad	8* 8
LCD	RGB888, up to WXGA 1366* 768	QSPI	1
Audio	3	SPDIF	1



## OKMX6ULL-C Carrier Board Features

CAN	2x CAN2.0B	USB OTG	1x USB Type-C
LED	3, power, user, 4G	SD	1x TF card slot
Audio	1x Phone, 1x MIC, 1x Speaker	UART	4, 3.3V, pin headers with pitch of 2.5mm
RTC	supported	IIC	2, 3.3V, pin headers with pitch of 2.5mm
Power input	DC5V	SPI	2, 3.3V, pin headers with pitch of 2.5mm

## TARGET APPLICATION

IoT, power industry, medical, environment monitoring, smart city, smart agriculture, industrial control, HMI, financial, EV charger, etc.

