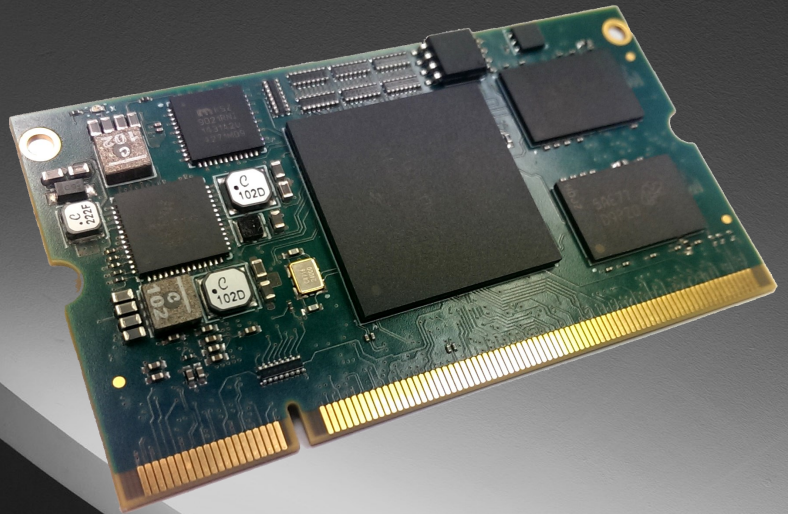


## ESC-MX6



The ESC-MX6 is a highly integrated SOM (System on Module).

It serves as a building block for rapid embedded product development.

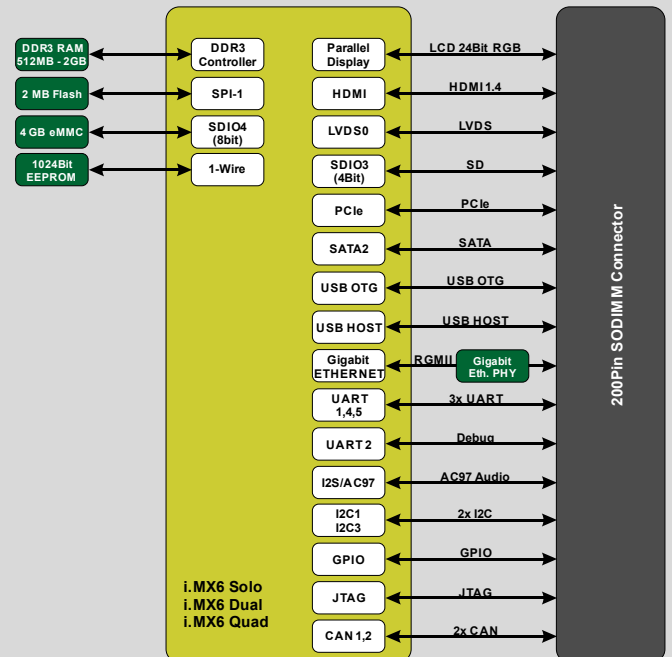
The module is based on the NXP i.MX6 processor, featuring a single, dual, or quad core Cortex A9 CPU at 1 GHz and combined with a powerful graphics processing unit.

The CPU is accompanied with up to 2GB DDR3 and 4GB eMMC.

The ESC-MX6 features a wide range of interfaces, such as Gigabit Ethernet, PCIe, SATA, USB, RS232, and CAN bus.

### Key features

- Compact design
- Perfect building block for embedded designs
- Based on the industry standard NXP i.MX6 family
- Industrial temperature (-40 °C up to +85 °C)
- Support for Linux operating system



## Mechanical

Dimensions	Millimetres	Inches
Board:	67 L x 37 W	2.63 L x 1.46 W
Weight	Grams	Lbs
Board:	10	0.022

## Environmental

Temperature	Celsius	Fahrenheit
Operating temperature:	-40 °C to +85 °C	-40 °F to +185 °F
Storage temperature:	-40 °C to +85 °C	-40 °F to +185 °F
Humidity		
Operating humidity:	< 75% RH	
Storage humidity:	< 93% RH	

## Electronic

Intelligence:	NXP i.MX6 single, dual, or quad core processor
Memory:	Up to 2GB DDR3 RAM 4-32GB eMMC 2MB SPI NOR flash
Interface types:	1 USB OTG 1 USB Host 1 Gigabit Ethernet 3 UART 2 I2C 1 PCIe 1 SATA (only on dual or quad) 2 CAN
Display interfaces:	1 LCD 24 bit parallel 1 HDMI 1 LVDS
Audio:	AC97