

HIA128800T006-ZFC

NXP i.MX8M Mini

Features

- High-performance processing while optimized for the lowest power consumption
- Advanced implementation of a quad Arm Cortex-A53 core, which operates at speeds of up to 1.8 GHz
- A general-purpose Cortex-M4 400 MHz core processor is for low-power processing
- Equipped with a 1280x800 resolution LVDS touch panel display
- Suitable for any general-purpose industrial and IoT application

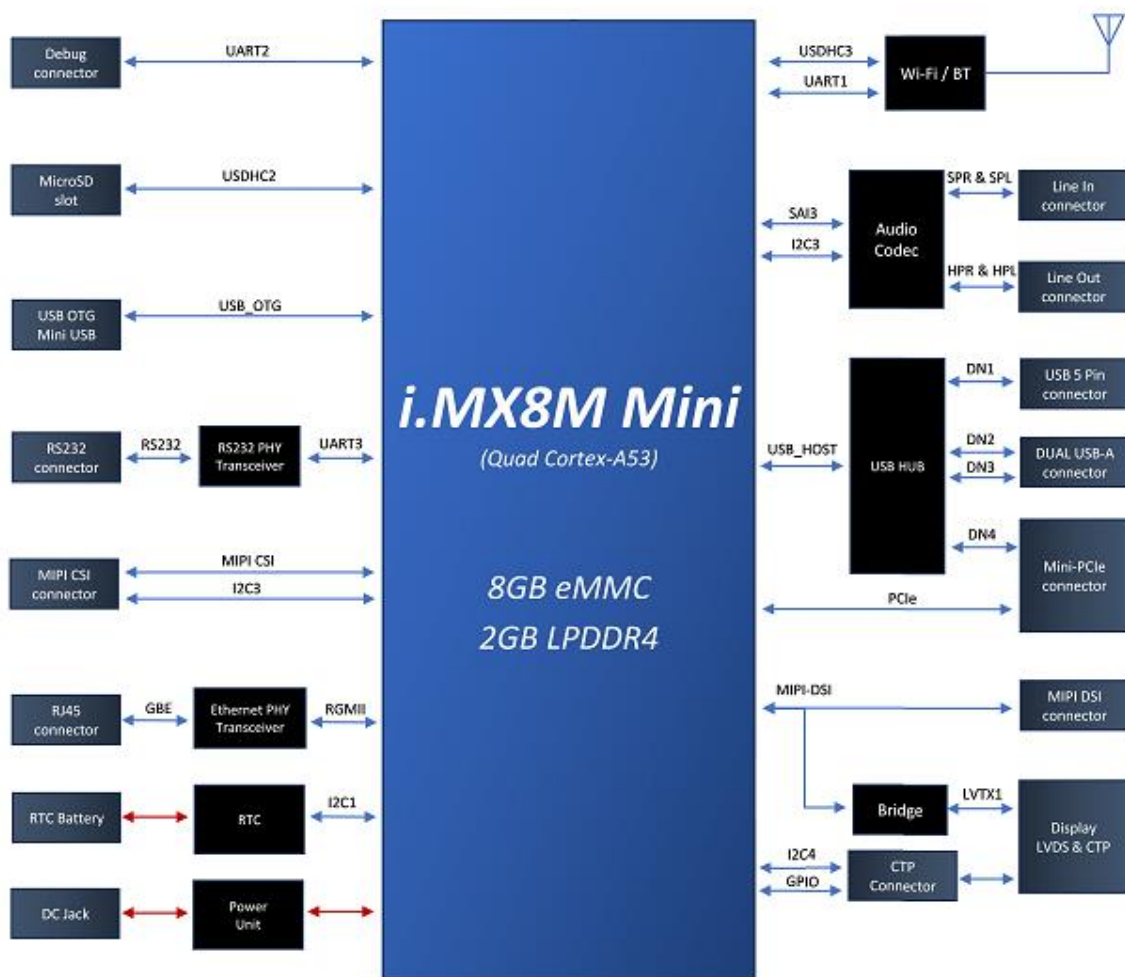
Specifications

Hardware		
CPU	RISC Processor	i.MX8M Mini Quad Cortex-A53 @ 1.6 GHz
Memory	On Board RAM	2GB LPDDR4 SDRAM
	On Board ROM	8GB eMMC Flash
	External Storage	1x Micro SD (max. 32G)
Display	Resolution	1280 *3 (RGB) x 800 DOTS
	Display mode	Transmissive, Normally Black
	Screen Size	10.1 inch
	Touch Panel	Projected Capacitive Touch (I2C)
I/O	Display Interface	1x MIPI DSI 1x LVDS

	USB	1x USB OTG 2x USB1.1/2.0 Compliant Host 1x USB1.1/2.0 in Mini-PCle Connector
	PCI Express	1x Mini-PCle Connector(1-lane)
	Ethernet	10/100/1000 Mbps
	Analog Audio	1 x Headphone Jack 1 x Input
	Wireless	WIFI IEEE 802.11 a/b/g/n/ac Bluetooth 4.2
	Serial	2 x UART (one for Debug Used) 4 x I2C 1 x SPI
Power Input	DC	9V ~ 24V

<u>Software</u>	
OS	Android / Yocto Linux

Block Diagram



Dimensions

