

HIA800480T013IHC09

NXP i.MX8M Mini

Features

- Compact HMI powered by NXP i.MX8M Mini for energy-efficient industrial use
- 7-inch capacitive touchscreen offers intuitive user interaction
- Low power consumption ensures long-term, stable operation
- Ideal for control panels, kiosks, and embedded IoT systems

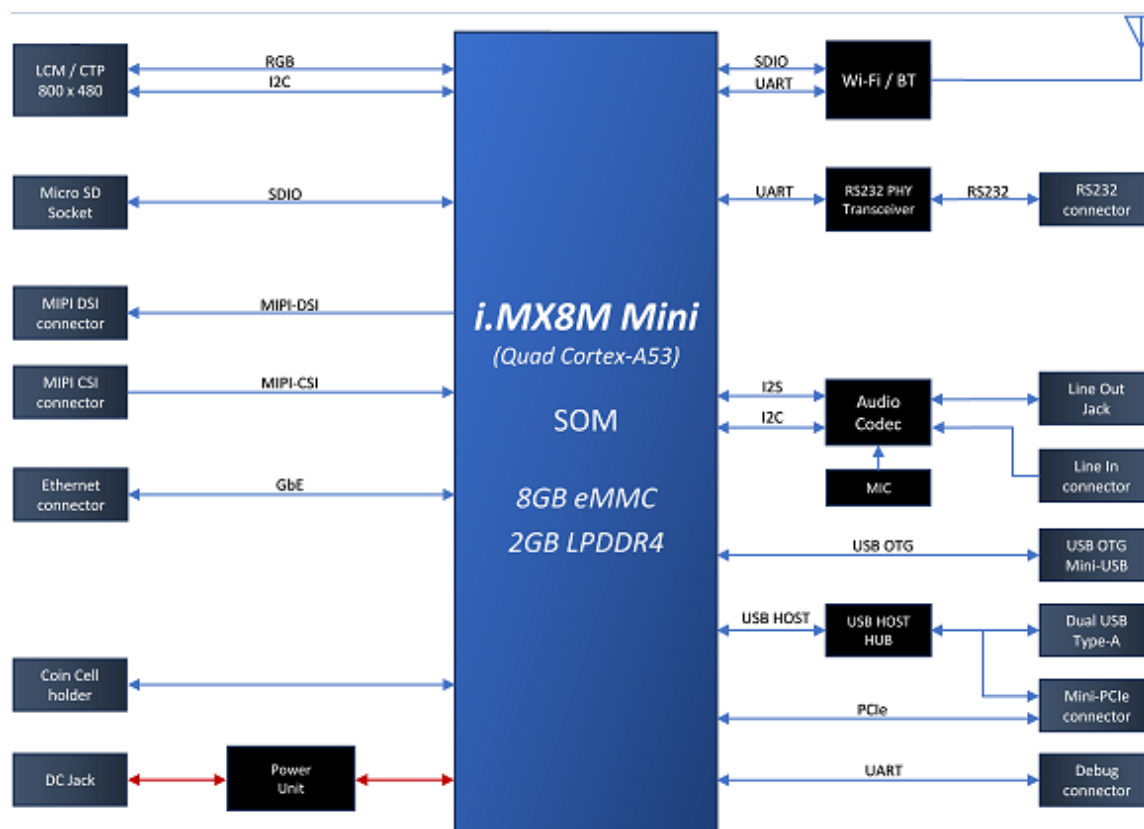
Specifications

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	800 (RGB) x 480 DOTS
	LCD Type	a-Si TFT, Normally white, Transmissive type
	Screen Size	7.0 inch
	Touch Panel	Projected Capacitive Touch (I2C)
I/O	Display Interface	1x MIPI DSI 1x RGB
	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

