

P05DA0075-00

NXP i.MX 8M Mini

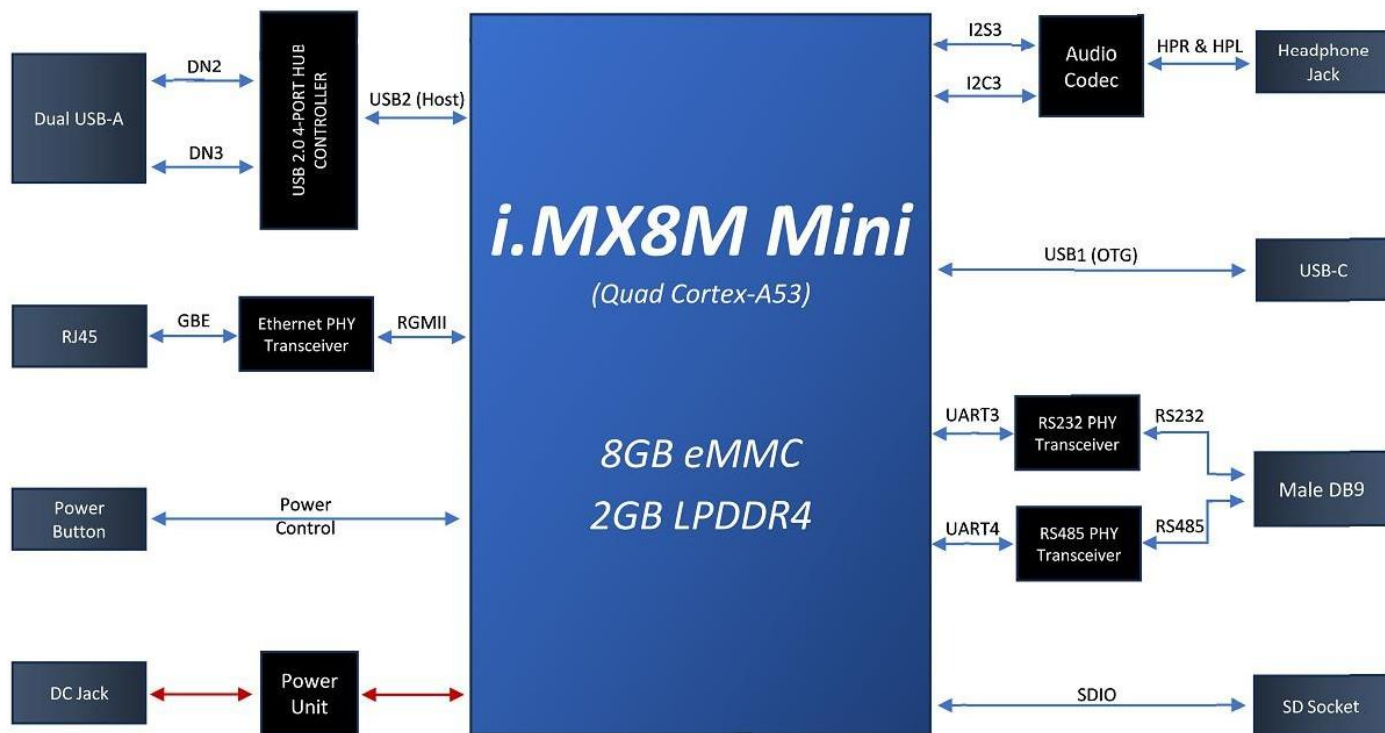
Features

- Quad-core Arm Cortex-A53 processor up to 1.8 GHz for high-performance tasks
- Cortex-M4 core at 400 MHz for low-power operations
- Optimized for ultra-low power consumption for energy efficiency
- Designed for industrial and IoT applications, suitable for versatile environments

Specifications

Hardware		
CPU	RISC Processor	i.MX 8M Mini (Quad Cortex-A53)
Memory	On Board RAM	2GB LPDDR4 SDRAM
	On Board Flash	8GB eMMC Flash
	External Storage	1 × Micro SD Card Slot
Display	Resolution	1280 × 800 (RGB) DOTS
	Screen Size	10.1 inch
	Display mode	Transmissive, Normally Black
	Touch type	Projective Capacitive Touch Panel
Functions	USB	1 × USB OTG 2 × USB 2.0 Host
	Ethernet	10/100/1000 Mbps
	Analog audio	1 × Earphone
	Switch	Power Button
	Serial port	1 × RS232 1 × RS485
	Others	M.2 E-key
Power Input	DC	9V ~ 24V
Software		
OS	Android 10	

Block Diagram



Dimensions

