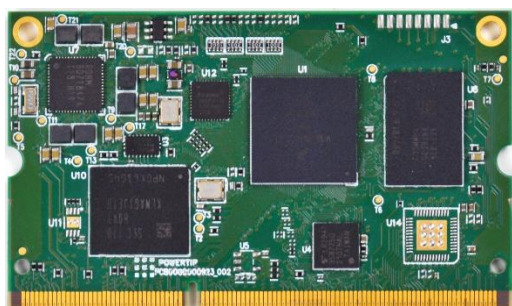


P05D00075-01

NXP i.MX8M Mini

Front View



Features

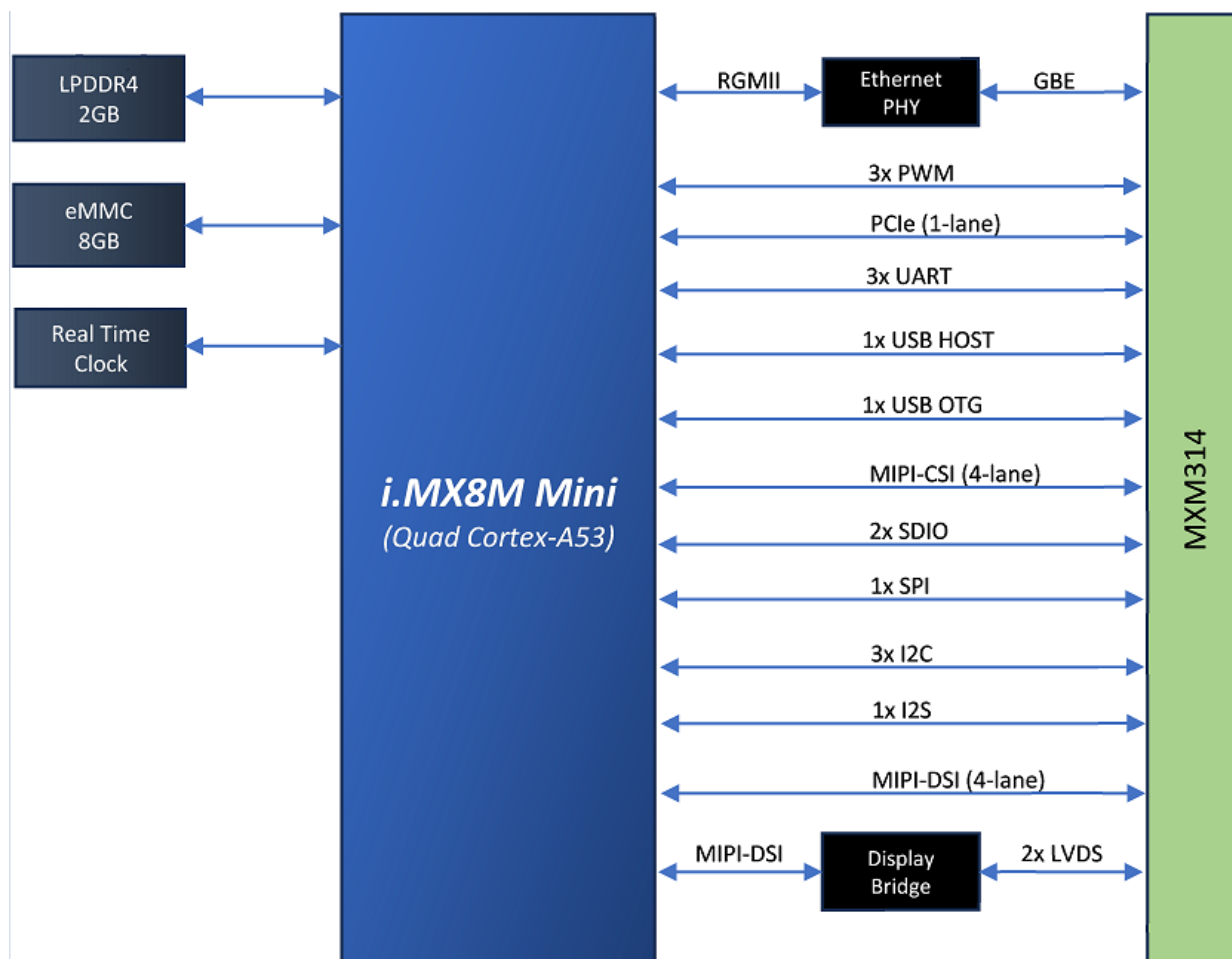
- Powered by NXP i.MX8M Mini (IMX8MM) SoC
- Balances performance, power efficiency, and flexible I/O
- Designed for industrial-grade HMI systems
- Customized with Powertip's pin definitions for specific hardware needs

Specifications

Hardware		
CPU	RISC Processor	i.MX8M Mini Quad Cortex-A53 @ 1.6 GHz
Memory	On Board RAM	2GB LPDDR4 SDRAM
	On Board Flash	8GB eMMC Flash (Default Boot Device)
I/O	Display Interface	2 x LVDS or 1 x RGB (option) 1 x MIPI DSI
	Camera	1 x MIPI CSI
	USB	1x USB OTG 1x USB HOST
	Ethernet	10/100/1000 Mbps
	Default Peripheral (maximum)	3 x UART 4 x I2C (up to 4) 1 x SPI (up to 3) 2 x SDMMC (up to 3) 1x SAI 1 x PCIe

Software	
OS	Yocto Linux

Block Diagram



Dimensions

