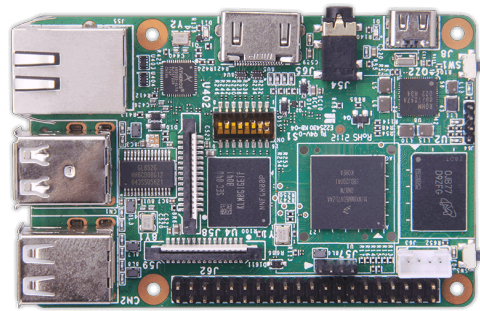# ACP-IMX8-PI

Specification

System Information	
Processor	4xCortex-A53 core up to 1.8GHz per core 1x Cortex-M4 core up to 400MHz
System Memory	4GB LPDDR4
I/O Chipset	NXP iMX8M Mini

Software Support	
OS	Yocto 4.0 (Linux)

Storage	
Storage	32GB eMMC5.1

Ethernet	
Ethernet Interface	RJ45, 10/100/1000M

I/O	
GPIO	1x Standard 40-pin GPIO header (Can be expanded to UART, SPI, I2C, PWM function)
USB	1x4 pin USB-Wifi connector (Support USB-WiFi Module)
Display	1 x HDMI Out 1 x HDMI Out 1x MIPI DSI (2-lane MIPI DSI display port)
Audio	1 x 3.5mm Headphone Jack

USB Port	4 x USB 2.0
Camera	1x MIPI CSI (2-lane MIPI CSI camera port)
SD	1 x SD

DC In / Out Connector

Input Power Connector	USB Type C

DC In / Out Characteristics

Working Voltage	DC 5V / 3A

Mechanical & Environmental

Operating Temp.	-20°C ~ 70°C
Dimension (L x W)	85*56mm

Disclaimer

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All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.

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