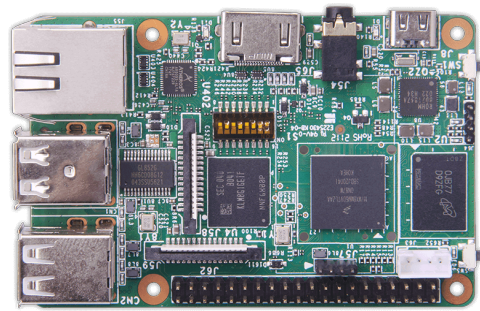


ACP-IMX8-PI



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 Linux Yocto 4.0

Storage

Storage onboard 32GB eMMC5.1

Ethernet

Ethernet Interface RJ45, 10/100/1000M

Certification

Certification Information CE, FCC Class B

External I/O

LAN Port 1x Gigabit Ethernet

I/O

External I/O Connector	1 x RESET KEY 1 x Power Button
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
WIFI	1 x WIFI 802.11 a/b/g/n/ac(on Module)
Camera	1x MIPI CSI (2-lane MIPI CSI camera port)
SD	1 x SD

DC In / Out Connector

Input Power Connector	DC 5V / 3A via USB-C
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DC In / Out Characteristics

Working Voltage	DC 5V / 3A
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Mechanical & Environmental

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

Ordering Information	ACP-IMX8-PI-A1R
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