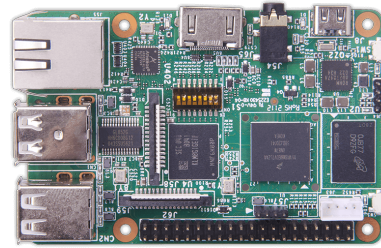


ACP-IMX8-PI



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)
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SD	1 x SD
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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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