

Features

- NXP i.MX 8M Cortex A53/ Cortex M4 Dual Core up to 1.5GHz Processor Onboard
- 1 GB DDR4 memory onboard, up to 4 GB
- 1 x M.2 for Wi-Fi/BT/3G/4G
- 1 x MicroSD Card Slot
- 1 x LVDS, 1 x MIPI-CSI, 1 x HDMI
- 2 x USB 3.0, 1 x USB OTG Type C, 2 x USB 2.0
- 5V DC Input



COMING SOON

Specifications

System

CPU	NXP i.MX 8M Cortex A53/ Cortex M4, Dual Core up to 1.5 GHz
System Memory	1 GB DDR4 Expandable up to 4GB
Expansion	1 x uSD Card Slot (Bootable) Onboard eMMC Flash (Optional) 1 x 2230 M.2 for Wi-Fi/BT
Storage	Through uSD Card
Supported OS	Android, Linux

Display

Chipset	Vivante® GC7000Lite Integrated Graphic
---------	--

External I/O

Audio	1 x Line-Out
USB	2 x USB 3.0 1 x USB OTG Type C
Display	1 x HDMI
LAN	1 x RJ-45
DC	1 x Barrel Type Connector

Internal I/O

Display	1 x LVDS Header 1 x MIPI-CSI Header
USB	1 x USB 2.0 Headers (2 Ports) 1 x TTL
COM	1 x RS-232 COM
Audio	1 x Mic-in Header
MIO	1 x 8 bits GPIO 1 x I ² C Header 1 x CAN Bus Header 1 x Front Panel Pin Header

Audio

Chipset	Wolfson® WM8960 Ultra Low Power Audio Codec
---------	---

Ethernet

LAN 1	1 x Micrel® KSZ9031
-------	---------------------

Mechanical & Environment

Power Requirement	5V DC Input
Operating Temp.	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp.	-20°C ~ 80°C (-40°F ~ 176°F)
Operating Humidity	5% ~ 90% Relative Humidity, Non-condensing
Dimensions	4.72" x 3.07" (120mm x 78mm)
Certification Information	CE, FCC
Weight	3.5 oz

* All product specifications and images are subject to change without notice. Last update: 9/13/2018