



AR6MXQ-LCD

NXP i.MX6 Cortex A9 Quad Core ARM Development Kit with 10" Touch LCD

Features

- AR6MXQ NXP i.MX6 Quad Core Motherboard with 10" Touch Display & Enclosure
- 1 GB onboard DDR3 Memory
- 4 GB eMMC onboard
- Dual Display: 1 x HDMI
- SD/eMMC Card Slot (Bootable)
- 1 x Mini PCIe Socket supports both full and half length Mini PCIe cards
- 3 x USB and 2 x COM, 2 x SMA, 1 x OTG
- 9V - 24V Wide Range DC Power
- Fanless Operation



ARM Development Kit

Specifications

System

CPU	NXP i.MX6 ARM Cortex A9 Quad Core 1.0 GHz Processor onboard
System Memory	1 GB onboard DDR3 Memory
Storage	4 GB eMMC onboard
Expansion	1 x SD Card Slot 1 x Mini PCIe

Panel Display

LCD Size	10.1" LCD
Display Type	WSVGA
Resolution	1024 x 600
Pixel Pitch	0.2175(H) x 125.28 (V)
Luminance	400cd/m2
Contrast Ratio	400
Viewing Angle	45 (L) 45 (R) 15 (U) 35 (D)
Response Time	16 ms
Backlight	LED
Touch Screen	PCAP Touch

External I/O

Audio	1 x Line-out
LAN	1 x RJ-45 Connector
Display Interface	1 x HDMI Connector
USB	3 x USB Connectors
COM (Serial Port)	2 x COM Ports
OTG	1 x OTG Connector
Power Input	1 x DC-in

External I/O

Antenna	2 x SMA Connectors
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Mechanical & Environment

System Power Requirement	9V - 24V DC
Power Adaptor	12V DC
Power Type	DC
Operating Temp.	0 ~ 40°C
Storage Temp.	-20 C to 60°C
Relative Humidity	5% ~ 80% Relative Humidity, Non-condensing
Exterior Color	Black
Mounting	VESA
Dimensions	10.25" x 6.375" x 1.25"
Weight	2.75 lbs



Ordering Info

AR6MXQ-LCD-LX

AR6MXQ (Quad Core) ARM Development Kit with 10" Touch LCD & Enclosure. Linux OS

AR6MXQ-LVD-AN

AR6MXQ (Quad Core) ARM Development Kit with 10" Touch LCD & Enclosure. Android OS