

## Features

- Development Kit with 10.1" Touch Panel
- i.MX 8M Mini 4x Cortex®-A53 cores and 1x Cortex-M4 core 400MHz processor
- 1GB Onboard DDR4 Memory
- Onboard 8GB eMMC Flash, 1 x MicroSD Card Slot
- Pre-loaded OS: Ubuntu, Yocto, or Android on eMMC



## Specifications

System	
CPU	NXP i.MX 8M Mini, 4x Cortex-A53 core, 1x Cortex-M4 platforms up to 1.8GHz per core
System Memory	1GB Onboard DDR4 Memory
Storage	1 x MicroSD Card Slot Onboard 8GB eMMC Flash
Audio	Chipset:Wolfson® WM8960 Ultra Low Power Audio Codec
Ethernet	LAN 1: 1 x Micrel® KSZ9031
Expansion	1 x M.2 Socket
OS Support	Linux, Android
Panel Display	
LCD Size	10.1"
Display Type	LCD
Resolution	1280 x 800
Luminance	350cd/m <sup>2</sup>
View Angle(H+/- V+)	85°/85° (H/V)
Touch Type	PCAP

Mechanical & Environment	
Power Adaptor	5V Power Adaptor
Development Kit Includes	
Qty	Description
1	1 x AR8MXMM (i.MX 8M Mini) Motherboard with OS
1	10.1" Touch Panel, 1 x Wi-Fi Module, 2 x Antennas
1	1 x 5V Power Supply
1	1 x USB to TTL Cable
1	1 x USB Type C to Type A Cable

Ordering Info	
AR8MXMM-DEV-LX	AR8MXM development kit with Linux OS
AR8MXMM-DEV-AN	AR8MXM development kit with Android OS

\* All product specifications and images are subject to change without notice. Last update: 2020/11/12