



Build RISC Android ARM® Cortex™ A 53 Octa Core 1 x HDMI, 2 x USB2.0, 1x micro SD slot, 1 x 10/100/1000 Gigabit LAN, 1 x Audio out Onboard support 4 x USB /LVDS / YUV camera, MiPi, RGB LCD, GPIO, 2 xRS232, Support Android 5.1 Linux+QT2.2 & Ubuntu12.04

Model: AOA818

FEATURES HIGHLIGHT

- ARM® Cortex™ A 53 Octa Core
- ARM® Mail400MP4, Complies with OpenGL ES 2.0 / 1.1
- One 2GB DDR3 @960M
- Onboard 16GB internal eMMC
- 1 x HDMI, 2 x USB 4 x USB onboard, 1 x micro-SD slot, 1 x LAN, 4 x UART (2 x RS232, 2 x TTL) 1 x Audio out
- 1 x YUV Camera, MiPi LCD, RGB LCD, GPIO
- Build in Wifi & Bluetooth4.0
- OS: Pre-install Android 5.1, or Linux+QT2.2 or Ubuntu12.04

SPECIFICATIONS

System & Processor	System On Chip	ARM Cortex A 53 Octa Core
	Main Memory	2GB DDR3 @960M
Storage	eMMC	16GB internal eMMC
	SD Card	Micro SD Card Reader
	SATA	N/A
AV Interface	LVDS	1 x LVDS
	HDMI	HDMI Output
	Audio Output	Lin Out, S/PDIF
Connectivity	Ethernet	
Rear I/O	HDMI	1
	USB	2
	LAN	RJ-45
	Audio	1
OnBoard	USB	4
	UART	4 (2 x RS232, 2 x TTL)
Button	ON/OFF	1
O.S.	Pre-install Android 5.1, or Linux+QT2.2 or Ubuntu12.04	
Power	Power Type	DC12V
Mechanical & Environmental	Operating Temperature	0~60°C (32~140°F)
	Storage Temperature	-40~75°C (-40-167°F)
	Operating Humidity	0% ~90% Relative Humidity, Non-condensing
	Size	153mm x 89mm