



AIB-IMX6A

BOX System with NXP i.MX6

- > NXP i.MX6 Cortex-A9 Quad 1GHz CPU
- > 8GB eMMC
- > 2GB RAM
- > HDMI output
- > Micro SD socket
- > USB2.0 Type A x2(Double deck)
- > USB OTGx1
- > Gigabit LAN x2
- > Power LED cable (Red)
- > Signal LED cable (Blue)
- > 4 x COM Port
 - > >COM1/2 on board-DB9 (RS232/422/485)
 - > >COM3 cable-DB9 (RS232)
 - > >Debug Port
- > Mini-PCle(half & Full size)
- > 12-24V DC input
- > Mounting Bracket
- > Support OS Linux Yocto 1.7

+ Spec

-System Information-	
Processor	NXP i.MX6 Multimedia Processor
Platform Controller Hub	i.MX6
System Memory	1 X Onboard RAM 2GB
SBC	ACP-IMX6POS-B1
Storage	
Storage	1 x On board 8GB eMMC
I/O	
USB Port	2 x USB 2.0(Double deck) 1 x Mini-USB Connector
COM Port	4 x COM Port COM1/2 on board-DB9 (RS232/422/485) COM3 Cable-DB9 (RS232) Debug Port
Display	
Spec. & Resolution	HDMI: Max. resolution 1080P @ 60Hz
Audio	
Audio Codec	WM8962
Certifications	
Certification Information	CE FCC Class B
Power Requirement	
DC Input	12~24V
DC Input Connector	DC Jack with lock
Mechanical & Environmental	
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (W x L x H)	186(mm) x 121.35(mm) x 37(mm)
Weight	1KG
Vibration Test	With eMMC : 2Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With eMMC : 10Grms, IEC 60068-2-29, Half Sine, 11ms
Mounting Kit	4 x Mounting Bracket
System Fan	Fanless
Construction - Front	Black
Construction - Rear	Black
Software Support	
OS Information	Yocto 1.7
Ordering Information	
Ordering Information	AIB-IMX6AQ-A1R BOX System with NXP i.MX6_Quad, 8G eMMC + 2GB RAM, Industrial Temperature BCC-WLAN-04R Wi-Fi 802.11a/b/g/n/ac + Bluetooth4.1 Module with PCIe Half-Mini Card