



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