



## ACP-IMX6POS

NXP i.MX6 Cortex-A9 SBC

- > NXP i.MX6 Cortex-A9 Dual Lite/Quad 1GHz CPU
- > Onboard 1GB(Dual Lite) or 2GB(Quad) DDR3 SDRAM
- > Onboard 4GB eMMC, up to 8GB
- > Quad(VGA+HDMI or LVDS+HDMI or VGA+LVDS) Dual Lite(LVDS+HDMI)
- > 1x GLAN, Optional 2nd GLAN
- > 4x UART (2x RS232, 2x RS232/485)
- > USB Touch Controller Penmount 6000 (5W RES)
- > Optional Freescale G Sensor MMA8451
- > Cash Drawer interface (RJ11)
- > 12~24V DC Input

**Spec**

<b>-System Information-</b>	
<b>Processor</b>	NXP i.MX 6 Dual Lite NXP i.MX 6 Quad Core
<b>System Memory</b>	RAM 1GB RAM 2GB
<b>Storage</b>	
<b>Storage</b>	eMMC 4GB ~ 8GB
<b>I/O</b>	
<b>USB Port</b>	3 x USB 2.0 Port (1x OTG)
<b>COM Port</b>	2 x RS232
<b>External I/O Connector</b>	1 x USB Type A Double Deck 2 x RJ45 Connector with Indicate LED 1 x HDMI Connector(Vertical Type) 1 x Mini USB Connector 1 x RJ11 Connector for Cash Drawer 2 x DB9 Male Connector 1 x DC 12V Power Input by Power DC Jack
<b>Internal I/O Connector</b>	1 x VGA 3 x USB pin header 1 x 5-wire Resistive Touch Interface 1 x Dual Channel 24-bit LVDS 1 x Stereo Speaker-out (8 ohm 1W x 2) 1 x Mini PCIe x 1 (with USB Signal Only) 1 x SIM Socket 1 x Front Panel Connector with Power Button & Indicate LED for Power & WIFI
<b>Display</b>	
<b>Multiple Display</b>	Quad(VGA+HDMI or LVDS+HDMI or VGA+LVDS) Dual Lite(LVDS+HDMI)
<b>Audio</b>	
<b>Audio Codec</b>	Wolfson WM8962
<b>Audio Interface</b>	2P Pin Header x 2 (Speaker-out R & L) (Driver Per Channel Max 2W)
<b>Certifications</b>	
<b>Certification Information</b>	CE FCC Class B
<b>Ethernet</b>	
<b>LAN Chipset</b>	LAN 1: From i.MX6 MAC, PHY is Micrel KSZ9031RX LAN 2: Intel 82574L by PCIe Interface (Optional)
<b>Ethernet Interface</b>	2 x RJ45 Connectors for Dual Gigabit LAN
<b>Power Requirement</b>	
<b>DC Input</b>	DC 12 ~ 24V Power Input
<b>Mechanical &amp; Environmental</b>	
<b>Operating Temperature</b>	0°C ~ 60°C
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Weight</b>	0.16kg
<b>Power Requirement</b>	DC 12 ~ 24V Power Input
<b>Power Mode</b>	2.5mm DC Jack
<b>Dimension (L x W)</b>	(175mm x 110mm)
<b>Software Support</b>	
<b>OS Information</b>	Android 4.4.2 Ubuntu 12.04 Yocto 1.5.1
<b>Ordering Information</b>	



<b>Ordering Information</b>	ACP-X6Q12J-A1R-00
	ACP-IMX6POS Rev.A1 Qual CPU, DDR3 2GB, 4GB eMMC, 0 ~ 60°C
	ACP-X6L12H-A1R-00
	ACP-IMX6POS Rev.A1 Dual Lite CPU, DDR3 1GB, 4GB eMMC, 0 ~ 60°C
BCC-WLAN-04R	
Wi-Fi 802.11a/b/g/n/ac + Bluetooth4.1 Module with PCI-e Half-Mini Card	

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