



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

System Information	
Processor	NXP i.MX 6 Dual Lite NXP i.MX 6 Quad Core
System Memory	RAM 1GB RAM 2GB
Storage	
Storage	eMMC 4GB ~ 8GB
I/O	
USB Port	3 x USB 2.0 Port (1x OTG)
COM Port	2 x RS232
External I/O Connector	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
Internal I/O Connector	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
Display	
Multiple Display	Quad(VGA+HDMI or LVDS+HDMI or VGA+LVDS) Dual Lite(LVDS+HDMI)
Audio	
Audio Codec	Wolfson WM8962
Audio Interface	2P Pin Header x 2 (Speaker-out R & L) (Driver Per Channel Max 2W)
Certifications	
Certification Information	CE FCC Class B
Ethernet	
LAN Chipset	LAN 1: From i.MX6 MAC, PHY is Micrel KSZ9031RNX LAN 2: Intel 82574L by PCIe Interface (Optional)
Ethernet Interface	2 x RJ45 Connectors for Dual Gigabit LAN
Power Requirement	
DC Input	DC 12 ~ 24V Power Input
Mechanical & Environmental	
Operating Temperature	0°C ~ 60°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	0.16kg
Power Requirement	DC 12 ~ 24V Power Input
Power Mode	2.5mm DC Jack
Dimension (L x W)	(175mm x 110mm)
Software Support	
OS Information	Android 4.4.2 Ubuntu 12.04 Yocto 1.5.1
Ordering Information	



Ordering Information

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 PCIe Half-Mini Card