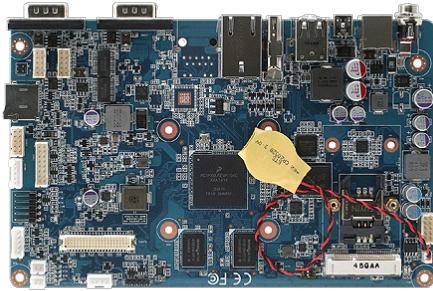




ACP-IMX6POS

Freescale i.MX6 Cortex-A9 SBC



- > Freescale 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)
- > Freescale G Sensor MMA8451
- > Cash Drawer interface (RJ11)
- > 12~24V DC Input

+ Spec

System	
Processor	Freescale i.MX 6 Dual Lite Freescale i.MX 6 Quad Core
System Memory	4 x DDR3-1600 128Mx16 FBGA96(9x14) MICRON 1G 4 x DDR3L-1600 128Mx16 FBGA96(9x14) MICRON 2G
Storage	
Storage	eMMC 4GB ~ 8GB
I/O	
USB	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 Catch 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	
Chipset	Wolfson WM8962
Audio Interface	2P Pin Header x 2 (Speaker-out R & L) (Driver Per Channel Max 2W)
Ethernet	
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
Mechanical & Environmental	
Power Requirement	DC 12 ~ 24V Power Input
Power Type	2.5mm DC Jack
Operating Temp	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	(175mm x 110mm)
Weight	0.16kg
Certifications	
Certification Information	CE FCC Class B
Software Support	
OS Information	Android 4.4.2 Ubuntu 12.04 Yocto 1.5.1
Power Requirement	
Power Requirement	DC 12 ~ 24V Power Input



 Ordering

ACP-X6Q12J-A1R-00
ACP-IMX6POS Rev.A1 Qual CPU, DDR3 2GB

ACP-X6L12H-A1R-00
ACP-IMX6POS Rev.A1 Dual Lite CPU, DDR3 1GB

