



RITY12R 12" Android POS

- > Freescale i.MX6 Cortex-A9 Dual lite/Quad 1GHz CPU
- > Fanless Design
- > 4GB eMMC, up to 8GB eMMC
- > 1GB RAM (Dual Lite), up to 2GB RAM (Quad)
- > 5-wire RES Touch/ PCAP Touch
- > 2x COM, 2x USB
- > Front IP-65 & Back IP-41
- > Support Cash Drawer (12V/24V)
- > Optional Device: MSR, VFD, Stand

+ Spec

System	
Processor	Freescale i.MX6 Cortex-A9 Dual lite/ Quad 1GHz CPU
System Memory	1GB RAM (Dual Lite), up to 2GB RAM (Quad)
Storage	
Storage	4GB eMMC, up to 8GB eMMC
I/O	
External I/O Connector	2 x USB2.0 1 x Micro USB OTG 2 x RS232 1 x Gb Ethernet 1 x Micro SD slot 1 x HDMI 1 x RJ11 1 x DC Jack
Internal I/O Connector	3 x USB header 1 x mPCIe 1 x SIM card slot 2 x Speaker header(4ohm/ 0.5W)
Display	
Multiple Display Interface	Dual Lite(LVDS+HDMI), Quad(VGA+HDMI/ LVDS+HDMI/ VGA+LVDS) 1 x Dual Channel 24-bit LVDS 1 x VGA
Audio	
Chipset	Wolfson WM8962
Audio Interface	
Ethernet	
Chipset	LAN1: From i.MX6 MAC, PHY is Micrel KSZ9031RNX/ LAN2: Intel 82574L by PCIe Interface (Optional)
Ethernet Interface	
Mechanical & Environmental	
Power Requirement	12~24V DC Input
Power Type	2.5mm DC Jack
Operating Temp	0°C~40°C
Storage Temp	-10°C~60°C
Operating Humidity	0~90% Relative Humidity, Non-condensing
Weight	2.35 Kgs
Dimension (L x W x H)	322mm x 250mm x 47mm
Certifications	
Certification Information	CE Class A/ FCC Class A
Software Support	
OS Information	Android 4.4.2/ Ubuntu 12.04/ Yocto 1.5.1
Panel	
LCD Size	12.1" (4:3)
Display Type	XGA
Resolution	1024x768
Pixel pitch	16.2M
Luminance	600
Contrast ratio	700
Viewing angle	80(H) x 70(V)
Response time	8 ms
Backlight	LED
Touch Type	5-wire RES/ PCAP
Touch Light Transmission	RES 75% / PCAP 90%



Touch Controller

EET/ PenMount