



RITY8R1

8" 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)

+ Spec

System	
Processor	Freescale i.MX6 Cortex-A9 Dual lite/ Quad 1GHz CPU
System Memory	1GB RAM (Dual Lite), up to 2GB RAM (Quad)
Expansion	
Expansion	
Storage	
Storage	4GB eMMC, up to 8GB
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 mPCle 1 x SIM card slot 2 x Speaker header(4ohm/ 0.5W)
Display	
Multiple Display	Dual Lite(LVDS+HDMI) Quad(VGA+HDMI/ LVDS+HDMI/ VGA+LVDS)
Interface	1x Dual Channel 24-bit LVDS / 1x 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	1.48 Kgs
Dimension (L x W x H)	231.7mm x 149.5mm x 42mm
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	8" (16:9)
Display Type	WSVGA
Resolution	1024x600
Pixel pitch	262K color by 6 bit RGB signal
Luminance	500
Contrast ratio	700
Viewing angle	75(H) x 65(V)
Response time	8 ms



Backlight	LED
Touch Type	5-wire RES/ PCAP
Touch Light Transmission	RES 75%/ PCAP 90%
Touch Controller	EETV/ PenMount