



## 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	
<b>Processor</b>	Freescale i.MX6 Cortex-A9 Dual lite/ Quad 1GHz CPU
<b>System Memory</b>	1GB RAM (Dual Lite), up to 2GB RAM (Quad)
Expansion	
<b>Expansion</b>	
Storage	
<b>Storage</b>	4GB eMMC, up to 8GB
I/O	
<b>External I/O Connector</b>	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
<b>Internal I/O Connector</b>	3 x USB header 1 x mPCIe 1 x SIM card slot 2 x Speaker header(4ohm/ 0.5W)
Display	
<b>Multiple Display</b>	Dual Lite(LVDS+HDMI) Quad(VGA+HDMI/ LVDS+HDMI/ VGA+LVDS)
<b>Interface</b>	1x Dual Channel 24-bit LVDS / 1x VGA
Audio	
<b>Chipset</b>	Wolfson WM8962
<b>Audio Interface</b>	
Ethernet	
<b>Chipset</b>	LAN1: From i.MX6 MAC, PHY is Micrel KSZ9031RNX/ LAN2: Intel 82574L by PCIe Interface (Optional)
<b>Ethernet Interface</b>	
Mechanical & Environmental	
<b>Power Requirement</b>	12~24V DC Input
<b>Power Type</b>	2.5mm DC Jack
<b>Operating Temp</b>	0°C~40°C
<b>Storage Temp</b>	-10°C~60°C
<b>Operating Humidity</b>	0~90% Relative Humidity, Non-condensing
<b>Weight</b>	1.48 Kgs
<b>Dimension (L x W x H)</b>	231.7mm x 149.5mm x 42mm
Certifications	
<b>Certification Information</b>	CE Class A/ FCC Class A
Software Support	
<b>OS Information</b>	Android 4.4.2/ Ubuntu 12.04/ Yocto 1.5.1
Panel	
<b>LCD Size</b>	8" (16:9)
<b>Display Type</b>	WSVGA
<b>Resolution</b>	1024x600
<b>Pixel pitch</b>	262K color by 6 bit RGB signal
<b>Luminance</b>	500
<b>Contrast ratio</b>	700



<b>Viewing angle</b>	75(H) x 65(V)
<b>Response time</b>	8 ms
<b>Backlight</b>	LED
<b>Touch Type</b>	5-wire RES/ PCAP
<b>Touch Light Transmission</b>	RES 75%/ PCAP 90%
<b>Touch Controller</b>	EETV/ PenMount