avalue Technology Inc.

RITY15R

15" 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	NXP 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	Dual Lite(LVDS+HDMI), Quad(VGA+HDMI/ LVDS+HDMI/ VGA+LVDS)
Interface	1 x Dual Channel 24-bit LVDS 1 x VGA
Audio	
Chipset	Wolfson WM8962
Ethernet	
Chipset	LAN1: From i.MX6 MAC, PHY is Micrel KSZ9031RNX LAN2: Intel 82574L by PCIe Interface (Optional)
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	3.39 Kgs
Dimension (L x W x H)	362.1mm x 290.08mm x 51mm
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	15" (4:3)
Display Type	XGA
Resolution	1024x768
Pixel pitch	16.2M
Luminance	400
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	EETI / PenMount