



RITY10R1

10" 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

+ 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 | 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 | 1.8 Kgs |
| Dimension (L x W x H) | 260mm x 178mm 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 | 10.1" (16:9) |
| Display Type | WXGA |
| Resolution | 1366x768 |
| Pixel pitch | 262K color by 6 bit RGB signal |
| Luminance | 200 |
| Contrast ratio | 1300 |
| Viewing angle | 85(H) x 85(V) |
| Response time | 8 ms |
| Backlight | LED |
| Touch Type | 5-wire RES/ PCAP |
| Touch Light Transmission | RES 75% / PCAP 90% |



Touch Controller

EET/ PenMount