



## Features

- Rich I/O (Including 6 USB, Optional HDMI and CAM)
- Fanless Design
- Front IP-65 & Back IP-41
- Service Windows for RAM and HDD
- Support Cash Drawer (12V /24V)
- Support DC +24V Output
- 5-wire Resistive Touch (Optional Multi-touch P Cap)
- Optional Device: MSR, VFD, Stand, 2<sup>nd</sup> Display



## Specifications

### Panel

<b>LCD Size</b>	12.1"
<b>Display Type</b>	XGA TFT
<b>Resolution</b>	1024 x 768
<b>Color</b>	16.2M
<b>Luminance</b>	600cd/m <sup>2</sup>
<b>Contrast Ratio</b>	700
<b>Viewing Angle</b>	80 (H) x 70 (V)
<b>Backlight</b>	LED
<b>Touch Type</b>	5-wires Resistive/PCT
<b>Light Transmission</b>	RES 75%/PCT 90%
<b>Touch Interface</b>	RES RS232/PCT USB

### System

<b>CPU</b>	Proprietary MB with Intel® Atom™ Cedar Trail Platform Atom™ D2550 Dual Core 1.86GHz L2-Cache: 1MB Optional N2800/N2600
<b>Cooling Method</b>	Fanless
<b>System Chipset</b>	Intel® NM10
<b>Memory</b>	1 x DDR3 800/1066MHz SODIMM Socket, Up to 4GB
<b>HDD</b>	1 x 2.5" SATA
<b>SSD</b>	One mSATA Socket
<b>Speaker</b>	2W, 8Ω
<b>WIFI</b>	Optional USB WIFI 802.11 b/g (Will Occupy One USB Pin Header)
<b>Expansion</b>	mPCIe Socket w/SIM Holder for 3G Application

### Rear Panel I/O

<b>Serial Port</b>	3 x RS-232 COM1 & 2 Supported RS-422/485 (Setting by BIOS) All Pin9 Supported RI/5V/12V (Setting by BIOS)
<b>Ethernet</b>	1 x LAN Ports (Realtek Gigabit Ethernet)
<b>Cash Drawer</b>	1 x RJ11 for Cash Drawer, Supported DC 12V/24V 1A Out. Setting by BIOS
<b>HDMI</b>	1 x HDMI
<b>VGA</b>	1 x DB15 VGA Port, Supported DC 12V/1A Output, Setting by BIOS
<b>KB/MS</b>	1 x Mini Din 6P for PS/2 KB/MS by Y-cable
<b>Audio</b>	1 x 3.5mm Earphone Jack for Audio Line-out
<b>USB</b>	4 x USB 2.0, Optional 2 x USB on Left Side

### Mechanical & Environmental

<b>Color</b>	Default Black, Optional White
<b>Mounting</b>	Wall/Stand/VESA 75mm x 75mm
<b>Power Input</b>	+24V DC-in 90W, Optional 120W & 130W for 24V DC-out SKU.
<b>Operating Temperature</b>	0 ~ 40°C (32 ~ 104°F)
<b>Storage Temperature</b>	-10 ~ 60°C (14 ~ 140°F)
<b>Operating Humidity</b>	10% ~ 95% Relative Humidity, Non-condensing
<b>Dimensions (W x D x H)</b>	322mm x 250mm x 47mm
<b>Weight</b>	4.82 Kgs

## Ordering Information

### RITY120

12" XGA TFT Plastic Panel PC with Intel® Atom™D2550 Dual Core 1.86GHz CPU