

# RITY102

POS / Panel PC Solutions

10.1" WSVGA Flat Touch Panel PC Intel® Atom™ Processor with Intel® Valleyview SoC

## Features

- Intel® Atom™ E3845 1.91GHz CPU
- 1 SODIMM up to 8 GB DDR3L SDRAM
- 3 x RS-232, COM 1&2 Support RS-422/485
- 2 x RJ-45, 3 x USB 2.0, 3 x USB 3.0, 1 x RJ-11
- IP-65 Compliant Front Panel & IP-41 Rear
- Fanless Operation, VESA Compliance
- Easy I/O Setting by BIOS



## Specifications

### System

CPU	Intel® Atom™ E3845 4-Core 1.91GHz processor
System Chipset	Intel® Valleyview SoC
System Memory	1 x 204-Pin DDR3L 1066MHz SO-DIMM up to 8 GB
Storage	1 x optional SATA Slim SSD 1 x mSATA
Expansion	1 x Mini PCIe Supports mSATA
LAN Chip	2 x Realtek 8111E Audio Chip 10/100/1000 Base-Tx GbE compatible 2 x RJ-45 LAN Port
Audio Codec	Intel® Valleyview SoC integrated supports 2-CH 2 x 2W Speaker Output
Display Chipset	Intel® Cedarview Integrated Graphics Supports dual display
Display Resolution	LVDS: Max. resolution 1024x600@ 60Hz HDMI: Max. resolution 1920x1080@ 60Hz
OS Support	Win 7, Win 8, POS Ready, Linux, Android

### Panel Display

LCD Size	10.1" WXGA
Resolution	1024 x 600
Pixel Pitch	262K color by 6 bit RGB signal
Luminance	350 cd/m2
Contrast Ratio	500
Viewing Angle	140(H) X 140(V)
Response Time	ms
Backlight	LED
Touch Type	5 Wires resistive / PCT
Touch Interface	Onboard USB touch (PenMount) / USB touch (EETI)
Light Transmission	RES 75 % / PCT 90%

### External I/O

Audio	2 x 2W
LAN	2 x RJ-45
Display Interface	1 x HDMI
USB	3 x USB 3.0, 1 x USB 2.0
COM (Serial Port)	2 x RS-232/422/485 (BIOS), 1 x RS-232
Power Input	minidin 4P for DC in w/ lock type

### Mechanical & Environment

Power Requirement	+19V ~ +24V
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)
Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Exterior Color	Front: Black Coverlens Back: Black
Product Dimension	10.24" x 7" x 1.65" (260 X 178 X 42mm)
Packaging Weight	8.05 lbs (3.65 kg)
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
Certification	CE, FCC Class B, VCCI
System Fan	Fanless

\* All product specifications and images are subject to change without notice.  
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