



## RITY122

12.1" XGA Flat Touch Panel PC Intel® Atom™ Processor with Intel® Valleyview SoC

- > 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
- > 50000hrs. LED TFT LCD 50000hrs. LED TFT LCD
- > Fanless Operation, VESA Compliance
- > IP-65 Compliant Front Panel & IP-41 Rear
- > Swappable 2.5" HDD
- > Easy I/O Setting by BIOS
- > Support DC +24V Output (3-Pin 1A)
- > Audio Out

### + Spec

System	
<b>Processor</b>	Intel® Atom™ E3845 4-Core 1.91GHz processor/ Intel® Celeron® J1900 2.0GHz processor
<b>System Chipset</b>	Intel® Valleyview SoC
<b>System Memory</b>	1 x 204-Pin DDR3L 1066MHz SO-DIMM up to 8 GB
<b>I/O Chip</b>	EC ITE IT8528E
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
<b>H/W Status Monitor</b>	Monitoring CPU & System Temperature and Voltage
<b>SBC</b>	APC-BYTP05
Expansion	
<b>Expansion</b>	1 x Mini PCIe Supports mSATA
Storage	
<b>Storage</b>	1 x 2.5" Drive Bay 1 x mSATA
I/O	
<b>USB</b>	3 x USB 2.0 3 x USB 3.0
<b>COM Port</b>	2 x RS-232/422/485 (BIOS) 1 x RS-232
Display	
<b>Chipset</b>	Intel® Valleyview SoC integrated Graphics Supports dual display
<b>Resolution</b>	LVDS:Max. resolution 1024x768@ 60Hz HDMI:Max. resolution 1920x1080@ 60Hz
Audio	
<b>Chipset</b>	Intel® Valleyview SoC integrated supports 2-CH
<b>Audio Interface</b>	Line-Out
<b>Speaker Output</b>	2 x 2W
Ethernet	
<b>Chipset</b>	2 x Realtek 8111E
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ-45
Mechanical & Environmental	
<b>Operating Temp</b>	0°C ~ 35°C (32°F ~ 95°F)
<b>Storage Temp</b>	-10°C ~ 60°C (14°F ~ 140°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Weight</b>	5 /with StandKgs
<b>Dimension (L x W x H)</b>	322 X 250 X 47mm
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Black Coverlens
<b>Construction - Rear</b>	Black
Certifications	
<b>Certification Information</b>	CE FCC Class B VCCI
Software Support	



<b>OS Information</b>	Win 7 Win 8 POS Ready Linux Android
<b>Power Requirement</b>	
<b>Power Connector</b>	minidin 4P for DC in w/ lock type
<b>Power Requirement</b>	+19V ~ +24V
<b>Power Mode</b>	AT/ATX (ATX is default setting)
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter AC-DC Adapter
<b>Panel</b>	
<b>LCD Size</b>	12.1", 4:3
<b>Display Type</b>	XGA
<b>Resolution</b>	1024 x 768
<b>Pixel pitch</b>	16.2M
<b>Luminance</b>	600 cd/m <sup>2</sup>
<b>Contrast ratio</b>	700
<b>Viewing angle</b>	80(H) X 70(V)
<b>Response time</b>	8 ms
<b>Backlight</b>	LED
<b>Touch Type</b>	5 Wires resistive / PCT
<b>Touch Light Transmission</b>	RES 75% / PCT 90%
<b>Touch Controller</b>	Onboard USB touch (PenMount) / USB touch (EETI)