



RITY122

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

- > Intel® Atom™ E3845 1.91GHz/Intel® Celeron® J1900 2.0GHz processor
- > 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 Information	
Processor	Intel® Atom™ E3845 4-Core 1.91GHz processor/ Intel® Celeron® J1900 2.0GHz processor
Platform Controller Hub	Intel® Valleyview SoC
System Memory	1 x 204-Pin DDR3L 1066MHz SO-DIMM up to 8 GB
I/O Chipset	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	APC-BYTP0S
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x 2.5" Drive Bay 1 x mSATA
Panel	
LCD Size	12.1", 4:3
Display Type	XGA
Resolution	1024 x 768
Pixel pitch	16.2M
Luminance	600 cd/m ²
Contrast ratio	700
Viewing angle	80(H) X 70(V)
Response time	8 ms
Backlight	LED
Touch Type	5 Wires resistive / PCT
Touch Light Transmission	RES 75% / PCT 90%
Touch Controller	Onboard USB touch (PenMount) / USB touch (EETI)
I/O	
USB Port	3 x USB 2.0 3 x USB 3.0
COM Port	2 x RS-232/422/485 (BIOS) 1 x RS-232
Display	
Graphic Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Spec. & Resolution	LVDS:Max. resolution 1024x768@ 60Hz HDMI:Max. resolution 1920x1080@ 60Hz
Audio	
Audio Codec	Realtek ALC888S supports 2-CH
Audio Interface	Line-Out
Speaker Output	2 x 2W
Certifications	
Certification Information	CE FCC Class B VCCI
Ethernet	



LAN Chipset	2 x Realtek 8111E
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Power Requirement	
DC Input	+19V ~ +24V
DC Input Connector	minidin 4P for DC in w/ lock type
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter AC-DC Adapter
Mechanical & Environmental	
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
Dimension (W x L x H)	322 X 250 X 47mm
Weight	5 /with StandKgs
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
System Fan	Fanless
Construction - Front	Black Coverlens
Construction - Rear	Black
Software Support	
OS Information	Win 7 Win 8 POS Ready Linux Android