



RITY102

10.1" WSVGA 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
- > IP-65 Compliant Front Panel & IP-41 Rear
- > Fanless Operation, VESA Compliance
- > Easy I/O Setting by BIOS

+ Spec

-System Information-	
Processor	Intel® Atom™ E3845 4-Core 1.91GHz 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.~255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	APC-BYTOPS
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x optional SATA Slim SSD 1 x mSATA
Panel	
LCD Size	10.1"
Display Type	WSVGA
Resolution	1024x600
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	16 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	1 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® Cedarview Integrated Graphics Supports dual display
Spec. & Resolution	LVDS:Max. resolution 1024x600@ 60Hz HDMI:Max. resolution 1920x1080@ 60Hz
Audio	
Audio Codec	Realtek ALC888S supports 2-CH
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)
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)	260 X 178 X 42mm
Weight	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
System Fan	Fanless
Construction - Front	Black Coverlens
Construction - Rear	Black
Software Support	
OS Information	Win 7 Win 8 POS Ready Linux