



RITY82

8" 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	
Processor	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
I/O Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature, Voltage and FAN Status with Auto Throttling Control
SBC	APC-BYTOPS
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x mSATA
I/O	
USB	1 x USB 2.0 3 x USB 3.0
COM Port	2 x RS-232/422/485 (BIOS)
Display	
Chipset	Intel® Pineview Integrated Graphics Supports dual display
Resolution	LVDS:Max. resolution 1024x600@ 60Hz HDMI:Max. resolution 1920x1080@ 60Hz
Audio	
Chipset	Intel® Valleyview SoC integrated supports 2-CH
Speaker Output	2 x2W
Ethernet	
Chipset	2 x Intel® I210AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	0°C ~ 35°C (32°F ~ 95°F)
Storage Temp	-10°C ~ 60°C (14°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	4.9Kgs
Dimension (L x W x H)	231.7 X 149.5 X 42mm
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
Construction - Front	Black Coverlens
Construction - Rear	Black
Certifications	
Certification Information	CE FCC Class A VCCI
Software Support	
OS Information	Win 7 Win 8 POS Ready Linux Android
Power Requirement	
Power Connector	minidin 4P for DC in w/ lock type



Power Requirement	+19V ~ +24V
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
Panel	
LCD Size	8" , 16:9
Display Type	WSVGA
Resolution	1024x600
Pixel pitch	262K color by 6 bit RGB signal
Luminance	500 cd/m ²
Contrast ratio	700
Viewing angle	75(H) X 65(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)