



## RITY152

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

- > Intel ATOM Quad Core E3845 1.91GHz
- > 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                     |                                                                             |
|----------------------------|-----------------------------------------------------------------------------|
| 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. ~ 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<br>1 x mSATA                                             |
| I/O                        |                                                                             |
| USB                        | 3 x USB 3.0<br>3 x USB 2.0                                                  |
| COM Port                   | 2 x RS-232/422/485 (BIOS)<br>1 x RS-232                                     |
| Display                    |                                                                             |
| Chipset                    | Intel® Valleyview SoC integrated Graphics<br>Supports dual display          |
| Resolution                 | LVDS:Max. resolution 1024x768@ 60Hz<br>HDMI:Max. resolution 1920x1080@ 60Hz |
| Audio                      |                                                                             |
| Chipset                    | Intel® Valleyview SoC integrated<br>supports 5.1-CH                         |
| Audio Interface            | Line-Out                                                                    |
| Speaker Output             | 2 x 2W                                                                      |
| Ethernet                   |                                                                             |
| Chipset                    | 2 x Realtek 8111E                                                           |
| 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                     | 6 /with StandKgs                                                            |
| Dimension (L x W x H)      | 362.1 X 290.08 X 51 mm                                                      |
| 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                                                                       |
| Certifications             |                                                                             |
| Certification Information  | CE<br>FCC Class B<br>VCCI                                                   |
| Software Support           |                                                                             |



|                                 |                                                                       |
|---------------------------------|-----------------------------------------------------------------------|
| <b>OS Information</b>           | Win 8<br>Win 7<br>POS Ready<br>Linux<br>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) |
| <b>Panel</b>                    |                                                                       |
| <b>LCD Size</b>                 | 15", 4:3                                                              |
| <b>Display Type</b>             | XGA                                                                   |
| <b>Resolution</b>               | 1024x768                                                              |
| <b>Pixel pitch</b>              | 16.2M                                                                 |
| <b>Luminance</b>                | 400 cd/m?                                                             |
| <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)                       |