

**iW-RainboW-G6**, powered with Intel Atom processor, enables the industrial mobility applications with light weight and low power. This highly packed hardware provides new class hardware experience for wired and wireless connectivity. The integrated GPS brings new location based services which delivers rich on-the-go experience. These features are becoming essential for enhancing information rich applications for faster decision-making and productivity improvement. With its solid state memory, dual display, on board Mic and speakers, the system brings amazing entertainment experience.

### **iW-RainboW-G6 Technical Specification**

<b>Operating Systems</b>	Windows XP Embedded / Linux
<b>CPU</b>	Intel e-Menlow processor Atom Z530 @ 1.6 Ghz / Atom Z510 @ 1.1 Ghz
<b>System Controller</b>	Intel Poulso US15W SCH FSB @533/400MTPS
<b>System Memory</b>	Upto 2 GB DDR2
<b>Storage</b>	SD Memory Slot 16 GB SSD/up to 80GB 1.8" PATA HDD
<b>Wireless Communication</b>	Wi-Fi 802.11 b/g GSM/GPRS (850/1900, 900/1800 Mhz)* SIRF Star III GPS* Bluetooth 2.0 with EDR*
<b>USB Host 2.0</b>	Three
<b>USB Device 2.0</b>	One
<b>Wired Communication</b>	Gigabit Ethernet
<b>LVDS Display</b>	7" SVGA LCD with Touch Panel
<b>Camera</b>	2.0 Mega Pixel*
<b>Video Out</b>	HDMI /VGA
<b>HDAudio Out/Mic</b>	Line In, Line Out, Onboard Speakers, Digital Mic
<b>PCIe Mini Card</b>	One Slot (HSDPA /WiMAX )
<b>Finger Print Sensor</b>	Yes*
<b>RFID Reader</b>	Yes*
<b>Accelerometer</b>	2g /4g/ 8g Support
<b>Digital TV</b>	DVB-H*
<b>BIOS</b>	Embedded AMI BIOS
<b>Buttons/Control Keys</b>	8X8 Key Matrix
<b>LEDs</b>	Status indicator
<b>Battery</b>	4 hours back up
<b>DC Power Jack</b>	12V Input Supply
<b>Enclosure</b>	Rugged plastic UMPC Enclosure
<b>Temperature</b>	Operating 0 to 60° C; Storage -20 to +85° C
<b>Humidity</b>	Operating 0 to 90%; Storage 5 to 95%(Non-Condensing)



\* Optional features

#### **Applications**

- 🌀 MID & Ultra High Mobile Computing
- 🌀 Touch based Education UMPC
- 🌀 Industrial Automation
- 🌀 Kiosks & Point of Sale
- 🌀 Health care & Medical Applications
- 🌀 Interactivity & Connectivity
- 🌀 Biometric & Authentication
- 🌀 Target Tracking & Navigation
- 🌀 Mapping & Vehicle Infotainment
- 🌀 Flat panel & High definition display Applications
- 🌀 Gaming & entertainment device
- 🌀 Audio video & Digital TV



#### **About Us**

**iWave Systems Technologies** is an embedded Hardware and Software Turnkey Design Services company, focused on providing integrated solutions for developing innovative products and systems in the areas of Communication, Consumer electronics and Multimedia. iWave offers complete turnkey solutions for systems engineering and product development.

#### **Contact Us**

**India** : iWave Systems Technologies Pvt. Ltd., 7/B, 29<sup>th</sup> Main, BTM Layout 2<sup>nd</sup> Stage, Bangalore 560 076 .India  
Ph : +91-80-26683700, 26786245, Fax : +91-80-26685200 Email : [mktg@iwavesystems.com](mailto:mktg@iwavesystems.com), Web : [www.iwavesystems.com](http://www.iwavesystems.com)

**Japan** : iWave Japan, Inc. 8F Kannai Sumiyoshi Building 3-29, Sumiyoshi-cho, Naka-ku, Yokohama Kanagawa, Japan.  
Ph : +81-45-227-7626, Fax : +81-45-227-7646, Email : [info@iwavejapan.co.jp](mailto:info@iwavejapan.co.jp), Web : [www.iwavejapan.co.jp](http://www.iwavejapan.co.jp)