

We presented PiBook as the cover story of our summer 2007 edition (issue N° 6). We think that this product, in its prototype stage, has presented itself as the next big thing in terms of design and functionality in the mobile communications industry.

What is it?

A hyper Telephone

Pi Microsystem is developing a technology to give users a huge access to the media convergence through a device no bigger than a DVD case that we will sell at a very competitive price. Pi Corporate through its founder Richard Paraiso, is the owner of 100% of the Pibook project's intellectual property and pending patent.

What applications are available?

Telephone application - Real internet - Television - Video - mp3 - Newspaper content - Social network application - GPS capabilities.

What's the technology behind it?

The Pibook is functioning such as an Intranet opened to the rest of the world. Built under open source software (Linux Operating system) and a Firefox browser that enables a user to display and interact with text, images, videos, music and other information typically located on a Web page. The device has a double OLED touch screen.

Where is the innovation?

AFX process: (Auto formatted XHTML)

This is also how the Pibook will give access to the real internet 10 times faster as it works as a Smart Proxy Server that only require to load text and jpeg not all the page.

Multi cell process: Combination of wireless streaming under UMTS and Wifi, to provide high speed data transfer. It is very useful in particular for heavy contents such as video. Basically, the users will have access to con-

tent in streaming via Wifi. The UMTS network will be used as a buffer to:

- 1) Accelerate data transfer
- 2) Avoid flux shutoff
- 3) Reduce the cost of data transfer

Photo Interaction: In addition to the touch screen Pi Microsystem are creating the first device that will give the users the possibility of a direct interactive experience with his device content without touching the screen.

The Pibook is also a device that gives users the possibility to use 2 different applications on 2 different displays with interactions between the 2 applications via the 2 screens.

Example:

Be on an IP voice on the left screen, and send text and images to your contact in the same time on the right screen.

At which stage is the PiBook today?

In 2006 Pi Microsystem decided to retain the services of IBM as a technical consultant, to give advice on the technology which is being developed. Their job has been to help in the validation and development of alternatives for choices in term of battery, display, processor, motherboard, daughterboard, browser, operating system, without any interaction on intellectual property. In March, Pi Microsystem

has initiated the final prototype construction stage, including all the applications. The product requires between 6 and 8 months of development with 70% source coding / 30% antenna specific design, and components optimization to make them fit to a light thin case with 5 to 6 hours of battery autonomy. That is the challenge Pi Microsystem are about to master.

We spoke to Linda Gegusch, one of the founders of the company, who confidently gave us the following quote: "IN THE NEXT 6 MONTHS, WE WILL HAVE BUILT THE NEXT GENERATION SMALL

COMPUTER WITH A VIRTUAL KEYBOARD AND SMART PROFESSIONAL FUNCTIONALITIES. THE PROCESS IS ON..."

"The next big thing in terms of design and functionality in mobile communication"

