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gumstix Introduces Smallest Commercially Available Linux Boards and Computers

Tiny Boards Weigh Less than a Tablespoon Of Water

Palo Alto, Calif., May 14, 2004 -- The world's smallest commercially available Linux boards and computers were officially introduced today by gumstix, inc., a start-up that produces and sells high performance Single Board Computers (SBCs) and peripherals. Based on Intel's PXA255 processor with Xscale technology, gumstix tiny boards measure 20mm x 80mm x 8mm. At nearly half the price of and a third the size of competitors, gumstix enables software developers to create smaller and more price conscious embedded devices, applications and products for the growing Linux market.

Today's announcement includes two gumstix™ boards and two waysmall™ computers**:**

o **gumstix 200x** comes with 200MHz Intel® PXA255, 64MB SDRAM, 4MB Flash, Operating System, MMC/SD™ slot, Multiple I/O. Price: $109
o **gumstix 400x** comes with 400MHz Intel® PXA255, 64MB SDRAM, 4MB Flash, an operating system, MMC/SD™ slot, Multiple I/O.   Price: $139
o **waysmall 200x**, comes with a gumstix 200x in a gumstix box (83x25x15mm), 2 mini-DIN8 serial ports, 1 USB mini-B client port and a power supply. Price: $139
o **waysmall 400x** comes with a gumstix 400x in a gumstix box (83x25x15mm), 2 mini-DIN8 serial ports, 1 USB mini-B client ports, a case and a power supply. Price: $169

"With the growing demand for Linux devices, coupled with strong growth in the embedded architecture market and the demand for increasingly smaller computing platforms, gumstix provide the ideal solution for developers," said Gordon Kruberg, founder of gumstix, inc. "The tiny gumstix boards and computers offer greater flexibility for the development of handheld appliances and peripherals, and robotics."

Stackable for easy custom board add-ons, gumstix boards draw <250 mA at 400MHz and can be powered by three AAA NiMH batteries. A gcc toolchain offers complete access to open source

software for easy porting. gumstix boards ship with 4MB flash containing u-boot-1.0.0, kernel 2.6.4 and a root file system.

The waysmall computers offer a 83mm x 36mm x 15mm form factor, and include a 0.65mm wall adapter (4.0V) power supply. The mini-B port uses Linux USB gadget drivers to connect to a host. The gumstix boards provide GPIO pins, serial ports, a USB 1.1 client, an MMC card slot as well as an I2C bus.

The installed software includes a busybox™ implementation with web server that allows users to establish a network connection over any of the USB or serial ports. A complete Linux kernel, including all source code, plus a cross-compiler let users develop applications on a host PC and then load them to the gumstix board or waysmall computer to run.

Founded on the belief that market demand for wireless technology -- particularly products that support open source solutions such as Linux -- is shifting toward a ubiquitous computing environment, gumstix, inc., was formed to develop a compact product line that enables developers to create and manage embedded devices and applications at a fraction of the size and cost of current board and system solutions.

About gumstix

gumstix develops and sells small, inexpensive, high performance, Linux systems and peripherals. Built as an open source platform, gumstix products support the growing Linux devices market. About the size of a stick of gum, the systems truly enable the ubiquitous computing market. gumstix products allow any developer to create and manage embedded devices and applications. The company sells direct to commercial users, designers, and open source enthusiasts.

Based near Palo Alto, California, gumstix is privately owned and operated. The company was created by venture capitalist and entrepreneur Gordon Kruberg. For more information visit www.gumstix.com.

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