



FOR IMMEDIATE RELEASE

Contact:

Susan Lehman
510-832-6006
susan@gumstix.com

Robert van Gool
415-505-2686
robert@gumstix.com

**gumstix Launches Bluetooth® Connectivity
on Tiny Linux Boards and Computers**

Palo Alto, Calif., September 7, 2004 – gumstix, inc., maker of the world’s smallest motherboard, today announced its next generation of gumstix boards and computers, providing optional Bluetooth™ connectivity. The gumstix f boards have a 60-pin connector and add several GPIO lines as well as audio and video control.

The new products include:

	gumstix 200f - \$109.00	gumstix 400f - \$139.00
	gumstix 200f-bt - \$154.00	gumstix 400f-bt - \$184.00
Processor	Intel XScale® PXA255 - 200MHz	Intel XScale® PXA255 - 400MHz
Memory	64MB SDRAM 4 MB flash MMC slot	64MB SDRAM 4 MB Strataflash (1) MMC slot
Operating Environment	- u-boot - bootloader - Linux kernel 2.6.7 - fully open source	- u-boot - bootloader - Linux kernel 2.6.7 - fully open source
Low power	draws <200 mA at 200MHz	draws <250 mA at 400MHz
Dimensions	80mm x 20mm x 6.3mm	80mm x 20mm x 6.3mm
Power management circuitry on board	3.4V - 5.2V takes Li-Ion, Li-Polymer, 3-NiMH, standard 4.5V or 5.0V inputs	3.4V - 5.2V takes Li-Ion, Li-Polymer, 3-NiMH, standard 4.5V or 5.0V inputs
Ports and GPIO	UART (3), I2C, USB Client, NSSP, PWM (2), AC97, LCD Controller, JTAG	UART (3), I2C, USB Client, NSSP, PWM (2), AC97, LCD Controller, JTAG

The gumstix waysmall computers provide a great development system for software for the gumstix boards. They support two RS232 serial ports, a USB 1.1 client, and an MMC card. The USB client is configured as an Ethernet gadget and uses RNDIS, meaning it can be plugged into the USB plug on most Windows machines or Linux hosts and given direct access to the Internet, or it can be accessed using Internet tools (like ftp or a browser) over the USB cable.

“Adding wireless connectivity was an important next step in the gumstix product development cycle,” said Gordon Kruberg, CEO of gumstix, inc. “The Bluetooth connectivity allows greater flexibility for the development of handheld appliances and peripherals.”

gumstix provides a 60-pin connector that gives access to 42 GPIO lines (at 3.3V logic levels), I2C, USB, JTAG, and power & ground. The GPIO lines can be used in alternate modes to provide up to 3 UART ports, a NSSP, 2-PWM lines, audio controller (AC97 or SSP), and LCD controller. The boards also include an MMC card slot.

Based on Intel’s PXA255 processor with Xscale technology, gumstix tiny boards measure 20mm x 80mm x 6.3mm. 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.

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 and include both a motherboard and daughterboard. About the size of a stick of gum, the tiny gumstix boards weigh less than two tablespoons of water and allow developers 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. For more information visit www.gumstix.com.

#