



FOR IMMEDIATE RELEASE

Contact:

Don Anderson

888-427-3428

don@gumstix.com

**gumstix announces two new expansion boards:
audiostix2 and GPSstix**

World's smallest Linux Computers drive high function, low cost solutions

Palo Alto, Calif., April 25, 2006 – gumstix, inc., maker of the world's smallest full function miniature computers (FFMC), today announced two new expansion boards: audiostix2™ and GPSstix™.

The audiostix2 expansion board offers key enhancements to the existing audiostix expansion board resulting in a board with 38 PXA-GPIO lines, one pair of PXA-I2C lines, 10 UCB1400-GPIO lines, 4 UCB1400-A/D lines @ 3.3v and two pairs of UCB1400-Touchscreen lines. All pin-outs are 50 ml pitch. These additional functions add to the stereo in/out, 2 TTL level serial ports and mini-B socket for usb client connection to an upstream host already existing on audiostix.

At 80 x 34 mm, the audiostix2 board has two mounting holes, connects to either the basix™ or connex™ platform via a 60-pin Hirose connector and sells for \$40.

The new GPSstix expansion board combines this new audiostix2 expansion board with a GPS module added onboard. Based on worldwide customer input, gumstix engineers chose the uBlox™ LEA-4H module powered by the Antaris™ 4 positioning engine.

"I am working on the development of a cooperative UAV fleet and I am very interested in the gps function of the GPSstix board", said Ernest Earon, UAV Project Manager at Quanser. "The work we are doing involves a fleet of five (5) vehicles communicating and performing coordinated group maneuvers particularly with regards to failure tolerance and failure mode handling, and the gumstix is running the autonomous control. Our expectation is that this technology will be adopted by many players in the growing field of UAV research, development and deployment."

Offering SuperSense™ indoor GPS function for unprecedented sensitivity in a compact and efficient package, this uBlox module consumes 40% less power than its predecessor and features

advanced power management options with excellent navigation performance. The -158 dBm tracking positioning extends positioning coverage into places where GPS was not possible before, and enables solutions using small or covert antennas.

SuperSense software is able to detect the weakest signals and provide uninterrupted GPS reception and accurate position calculations in buildings, hidden places in motor vehicles and other locations with obstructed views to the sky. This state-of-the-art technology, which provides acquisition and reacquisition sensitivity of -148 dBm, cold start sensitivity of -142 dBm and unmatched tracking sensitivity of -158 dBm, does so without compromising on power consumption, which stays low at even the weakest signals.

“With the number of location-based projects and developments growing in our customer base, a GPS-based expansion board was a natural next-step for our expansion board product line”, stated Gordon Kruberg, Founder and CEO of gumstix, inc. “Our customers also requested a simple way to connect LCD screens to a gumstix platform so we addressed that in both of these boards”.

Also at 80 x 34 mm, the GPSstix board has two mounting holes, connects to either the basix or connex platform via a 60-pin Hirose connector and sells for \$130.

The schematics and layout are available under a creative commons license and can be found at: <http://pubs.gumstix.com/boards/>

About gumstix

gumstix develops and sells small, inexpensive, high performance, Full Function Miniature Computers (FFMC). Built on an open source platform, the award winning gumstix product line supports the growing Linux devices market and offers motherboards, expansion boards and waysmall computers. The company sells directly to commercial users, designers, and open source enthusiasts in the embedded, wired and wireless devices, and application-server markets.

Based near Palo Alto, California, gumstix is privately owned and operated. <http://www.gumstix.com>

About Quanser

Quanser is the world leader in the design and manufacture of advanced systems for real-time control design and implementation used in industry, education and research. Our open-architecture control solutions are ideal for implementing and evaluating strategies from the simple to the extremely complex. Quanser control solutions and challenges are operational with more than 1,000 clients worldwide including universities, research laboratories and commercial organizations.

With headquarters in Markham, Ontario, Canada, Quanser is privately-held. <http://www.Quanser.com>

gumstix, audiotix2, GPSstix, basix and connex are trademarks of gumstix, inc.

* Other names and brands may be claimed as the property of others.