



Welcome to EMAC Email, a newsletter from EMAC, Inc. We provide single board computers (SBCs), peripherals, and custom engineering to meet your embedded systems needs.

It's that time of year again! The hot summer weather has finally given way to a cooler, more pleasant time of the year. If you are not packing your backpack, your children are probably packing theirs. Back to school means books, pencils, paper, and for the more technically inclined microprocessor training systems. Don't miss our Back-To-School Specials listed below.

### **FEATURES:**

- 1) Trade Show News
  - 2) Back-To-School Specials for the Primer and Universal Trainer
  - 3) StampPlot Pro (S-Plot Pro), a new application for graphing and collecting data
  - 4) New web site tracks computer viruses
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### **\*\*\* Trade Show News \*\*\***

EMAC, Inc. will be represented at the following trade shows this month:

- The Embedded Systems Conference ([www.embedded.com](http://www.embedded.com)) at San Jose, CA September 24<sup>th</sup>-28<sup>th</sup> (**booth # 1046**).
- Linux Business Expo ([www.interop.com](http://www.interop.com)) at Atlanta, GA September 26<sup>th</sup>-28<sup>th</sup> (**booth # L110**).

Come visit our booth and speak with our sales engineers about your custom engineering needs. Demo boards will be on display in addition to our new Server-In-A-Box (SIB). The "Mysterious Linux Powered Floating Ball" will be on display at the Linux Business Expo at Atlanta. Call: 618-529-4525 or E-mail: ([bkolar@emacinc.com](mailto:bkolar@emacinc.com)) for free passes (exhibition area only) if you are interested in any of these shows.

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### **\*\*\* Back-To-School Special \*\*\***

EMAC's Primer and Universal Trainer are affordably priced 8085 based training tools developed specifically for learning the operation of today's microprocessor based systems. This month we are offering specially priced accessories for both trainers.

Primer Trainer ([www.emacinc.com/primer.htm](http://www.emacinc.com/primer.htm)):

**FREE – Power Supply (E600-50) with purchase of an assembled Primer (E600-01)** Offer good through October 2000

**\*\* OR \*\***

**FREE – Enhanced Monitor OS (E600-30) with purchase of an assembled Primer (E600-01) and purchase of either Upgrade Option (Standard Upgrade E600-10 or Deluxe Upgrade E600-11)** Offer good through October 2000

The EMOS includes several features not available with the Monitor OS. In addition, several new commands are available through the PC or terminal interface, increasing your programming efficiency.

Universal Trainer ([www.emacinc.com/universa.htm](http://www.emacinc.com/universa.htm)):

**FREE – Universal Trainer case (E800-90) with purchase of a Universal Trainer (E800-00)** Offer good through October 2000

The Universal Trainer case adds protection and portability to the Universal Trainer. This case is lined with foam and contains several pockets that can hold a power supply, a multimeter, or other peripherals.

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**\*\*\* StampPlot Pro (S-Plot Pro) \*\*\***

StampPlot Pro is an application for graphing and collecting data provided by [www.selmaware.com](http://www.selmaware.com). This application can interact with microcontrollers and microprocessors such as the Primer Trainer. ASCII strings are sent through the COM port of the PC and the RS232 port of the Primer provided by the upgrade (E600-10) or the Deluxe upgrade (E600-11). The Primer Trainer has the ability to process analog signals such as temperature and voltage, as well as digital signals. StampPlot Pro can acquire and plot the data from those signals with interactive control from the Primer by using the provided MT BASIC (E600-31) or C program (E030-01) required. StampPlot Pro can support simple time continuum plotting of 10 analog channels and virtually unlimited digital channels. In addition, this application supports graphic drawing for animated visual data representations such as gauges and fluid level indicators created with macros. Once the data is collected the plot can be re-played, printed, saved, and shared. S-Plot Pro is a Windows based application that runs on 95/98/NT/2000. A single-user license allows an individual user to run S-Plot Pro for personal use on any TWO machines, or to run S-Plot Pro on a single shared laboratory computer. (\$39.00 US)

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**\*\*\* New Web Site Tracks Computer Viruses \*\*\***

Lawrence Livermore National Laboratory has set up a Web site designed to separate hacker wheat from chaff. Designated "Hoaxbusters" and located at <http://hoaxbusters.ciac.org>, the site is intended to explain, identify, and offer work-arounds for both lay computer users and experienced engineers.

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