Products on show at the NYC Maker Faire 2014

From September 20 to 21, at dog hunter's booth, the NYC MakerFaire visitors will find the whole range of Linino products

✓ The **new Lucky Shield**, the precious tool you already know, but more reliable and faster. It’s the easiest way to use Arduino Yun and all the other Arduino boards and it grants you access to: barometric pressure, relative altitude, luminosity, temperature and direction. It sits on top of your Arduino board and it can also turn into a simple controller and OLED display system.

✓ The **new Digital IO Shield**, that extends the number of I/O ports to 8 input and 8 output and 4 relais.

✓ The **new Linino IO module**, a software framework able to integrate micro-controller features inside the microprocessor environment.

✓ The **Linino ONE**, a PCB breadboard developed with Atmega 32u4 MCU and QCA MIPS 24K SoC CPU operating up to 400 MHz. Qualcomm Atheros CPU supports a Linux distribution named Linino, based on OpenWRT. The board has built-in WiFi (IEEE 802.11 b/g/n up to 150 Mbps 1x1 2.4 GHz), supports 20 digital input/output pins (of which 7 can be used as PWM outputs and 12 as analog inputs), it has a 16 MHz crystal oscillator, a micro USB connector, an ICSP header, 2 reset buttons and 1 user button.

✓ The **Linino ONE Accessories** (or Add-ons)

  ✓ **dogRJ45**

    Designed to meet IEEE 802.3 Fast Ethernet switch with auto-
crossover, auto-polarity, and auto-negotiation. 10/100 Mbps Fast Ethernet port basic switch feature including: port mirroring, broadcast storm support, flow control in full-duplex, and back pressure in half duplex. Operating temperature range: 0°C to +60°C.

✓ **dogUSB**

A USB type connector. Fully compliant with USB Hub specification version 2.0 and also backward compatible with USB Hub specification 1.1. It supports automatic switching between bus-power and self-power modes; it has a built-in USB 2.0 transceiver. uSD connector with card reader. It supports multiple sectors transfer optimize performance. Finally, it supports port-to-slot and read/write operations. Operating temperature range: 0°C to +60°C.

✓ The **very new Linino Chiwawa**, an LGA module based on the Atheros MIPS AR9331. The Atheros processor supports Linino, a Linux distribution based on OpenWRT. The module is provided with a daughter board where all the signals coming from the module are exported. The board has built-in Ethernet and WiFi support, a USB-A port, micro-SD card slot, a 16 MHz crystal oscillator, a micro USB connection, PoE module connection, and reset button.

✓ The **DogLeash** dongle, based on Kinetis K20 family microcontroller embedded with 128KB flash and an integrated USB controller. OpenSDA has a quick and easy mechanism for flash programmer applications developed with mass storage device (MSD) bootloader.

✓ The **Freedog**, a MIPS board supporting a Linino, a Linux distribution based on OpenWRT. The board has built-in Ethernet, 802.11 g/b/n WiFi support, USB-A port, micro-SD card slot, 20 digital input/output pins (of which 7 can be used as
PWM outputs and 12 as analog inputs), a 16 MHz crystal oscillator, a micro USB connection, an ICSP header, and 3 reset buttons.

✓ The **Linino Yun Shield**, a MIPS board developed with Atheros AR9331 supporting a Linux distribution based on Open WRT named Linino. Combining with Arduino boards, such as UNO, DUE and Leonardo, you can freely connect wireless to the internet. Node.js/Javascript, AllJoyn and Ideino are reachable on www.linino.org. That means you can learn exactly how it's made and use its design as first step of own circuit.

**Products on sale at the Maker Faire with a Faire’s special price**

✓ Linino ONE

✓ Linino ONE Accessories

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**dog hunter**

**dog hunter** is a company based in Zug (CH), in USA and Taiwan, specialized in the design and development of WiFi modules supported by Linino distribution for educational, hobby and industry.

**Linino**

**Linino** is a distribution based on OpenWRT with about 3000 package built and available. Linino provides a fully writable filesystem with package management with GPG signature.

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