adafruit

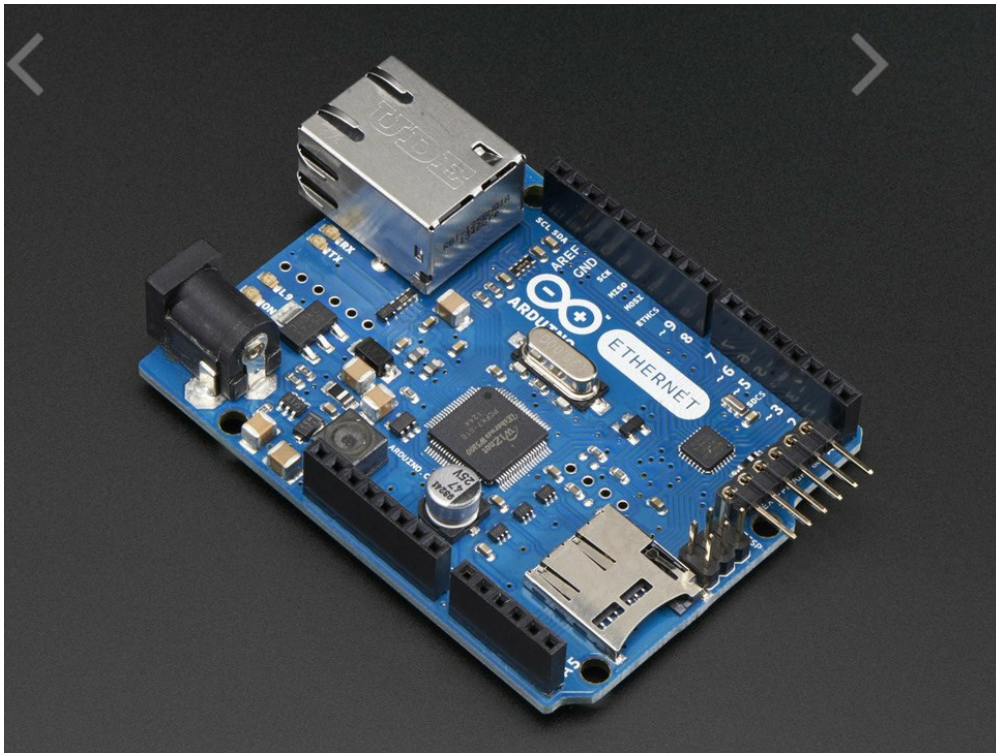 SHOP   BLOG   LEARN   FORUMS   VIDEOS

Arduino Uno Ethernet
PRODUCT ID: 418

DISCONTINUED

DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

As of 9/20/2012 Adafruit is currently shipping R3 of the Arduino Uno Ethernet

Deep in the Swiss Alps, the top secret Arduino Super-collider has accelerated both an Arduino

UNO and Arduino Ethernet shield to near-light speeds and smashed them together, resulting in a wholly new Arduino Ethernet! This Arduino has the goodness of Ethernet cooked right in, with an Ethernet jack, network indication lights, and a microSD card holder to store or serve data.

The Arduino Ethernet is the same shape as the normal Arduino Uno, with headers to connect wires or shields. However, the Ethernet jack is a little taller than USB so if you want to plug in a shield, you may need to 'lift' it with some stacking headers. Another thing to watch for is this Arduino does not have a USB port on it. Instead, you'll need an FTDI friend or FTDI cable to program it. There's a 6-pin connector that the cable plugs right into next to the microSD card holder.

To use and program, connect an FTDI cable to the 6-pin header. Then select **Arduino Uno** in the IDE. You can also try any of the Ethernet shield examples. Digital pins 10, 11, 12, 13 are used for the Ethernet chip. Pin 4 is used whenever you have a microSD card inserted as well.

More information available on the Arduino site.
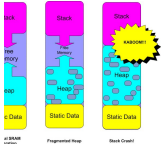

TECHNICAL DETAILS

LEARN

Internet of Things Printer
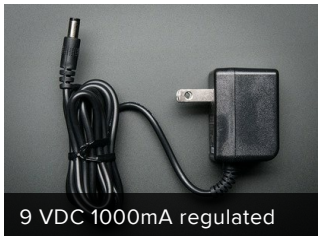Build an "Internet of Things" connected mini printer that will do your bidding!

Adafruit Arduino Selection Guide
Which Arduino is Right for Me?

Memories of an Arduino
How to get the most from your Arduino Memory

MAY WE ALSO SUGGEST...

9 VDC 1000mA regulated

Passive PoE Injector Cable

Clear Enclosure for Arduino

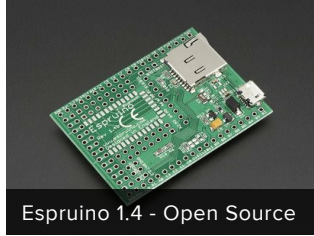FTDI Friend + extras

FTDI Serial TTL-232 USB

Ethernet Shield for Arduino

Arduino - Skill badge, iron-

802.3af PoE Output Data &

Espruino 1.4 - Open Source

802.3af PoE Output Data &

ACKme WiConnect WiFi

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"A delayed game is eventually good, a bad game is bad forever" -
Shigeru Miyamoto

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