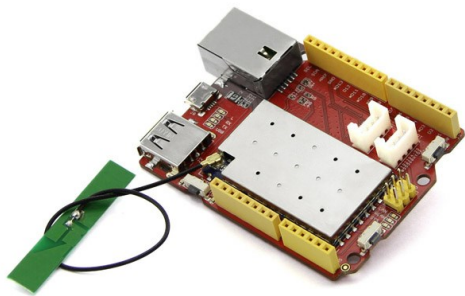


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Seeeduino Cloud - Arduino Yun compatible openWRT controller

SKU 102010021

- Built on Dragino WiFi IoT module HE and ATmega32u4
- Compatible with Arduino Yun
- Support 2.4Ghz WiFi, 802.11 b/g/n
- Built-in Ethernet port and USB 2.0
- Running OpenWrt system

IN STOCK 47 Available

Qty:

ADD TO CART

Description

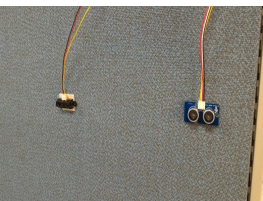
Seeeduino Cloud is a microcontroller board based on [Dragino WiFi IoT module HE](#) and ATmega32u4. HE is a high performance, low cost 150M, 2.4G WiFi module which means “core” in Chinese and with an Open Source OpenWrt system inside. Seeeduino Cloud is also an Arduino compatible board, 100% compatible with Grove, shield and IDEs(Arduino IDE 1.5.3 and later). Except for the normal interface of Arduino, Seeeduino Cloud has built-in Ethernet and WiFi support, a USB-A port which makes it very suitable for those prototype design that needs network connection and mass storage. It is also a good idea to make Seeeduino Cloud to an IoT gateway.

Features

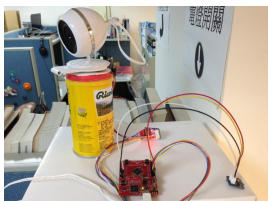
- Compatible with Arduino Yun
- Based on Dragino WiFi IoT module HE
- Open Source OpenWrt system inside
- Support 2.4Ghz WiFi, 802.11 b/g/n
- Support Ethernet
- Support USB 2.0
- Size: 75.10mm x 53.39mm x 11.50mm / 2.95"x 2.10 x 0.45"
- Working temperature: -20~60°C
- Surface color: Red

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Recipes



People Counting



AiCam Night Patrol



Baby's Facebook Live Feed



Instant WIFI Button of ASUS Router

Documents

[Schematic](#)

[WIKI](#)

[Seeeduino Cloud Eagle file](#)

[Seeeduino Cloud Firmware](#)

Recommendations



Base Shield V2



Grove - Starter Kit for Arduino



Grove - Dust Sensor



LinkIt Smart 7688 Duo



Dragino Yun Shield



Grove - Temperature&Humidity...



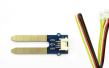
Grove - Relay



Seeeduino V4.2



LinkIt ONE



Grove - Moisture Sensor

Questions and Answers

Have a question about this? Ask people who own it.
Downloaded from [Arrow.com](#)

0

Has anyone used the USB2.0 slot for a thumb drive? That can be mapped (mounted) in OpenWrt on my YUN.

William C Gilbert on Nov 14,2016

Reply

upvote (0)

Yes. As mentioned above you can use the USB 2.0 SanDisk Cruiser Low Profile thumb drive + the overlay-only script from the linino archive on github. This expands your OpenWrt partition across the thumb drive. Sketches and Linux have full access to everything.However if you do this your thumb drive becomes a permanent part of the board. You dont really need that USB port for anything else.

Anderson.Erik on Dec 24,2016 19:50 PM

Reply

upvote (0)

0

Hi., is there any sd card interface on Seeeduino Cloud?

Thanks

Jason Lee on Oct 19,2016

Reply

upvote (0)

hi Jason, as you can see on the pictures it doesn't seem to have one on the board :-/ yet you get up to 64MB of Flash(NAND) spece (minus the OS FileSystem place of course) for any datalogging feature if it's your intent. just be aware that NAN

ZeRico on Oct 20,2016 10:50 AM

Reply

upvote (0)

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Non-invasive AC Current Sensor (30A max)

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Non-invasive AC Current Sensor (100A max)

BACKORDER



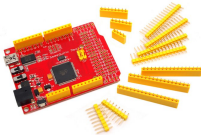
315MHz Codec-Adaptive Wireless Relay

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Ultra Sonic range measurement module

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Seeeduino Mega

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Grove - Sound Sensor



KiwiSDR Board



Grove - 4 pin Female Jumper to Grove...



Wio Node



Raspberry Pi 3 Model B



Seeeduino GPRS



Grove - 125KHz RFID Reader



Grove - Digital Light Sensor

ESP-32S Wifi Bluetooth Combo Module

Grove - Gas Sensor(MQ9)

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