

- powerful utility, software are maintained as packages form. Users can easily install, remove these packages to make a deep customized system.
- Open Hardware Design. Developers have the possibility to improve or do innovation on the hardware and release a new /unique product base on requirement.
 - Low Power Consumption. Around 1 watt power consumption in working mode.
 - AP, Client or Mesh mode WiFi. Can be configured in different WiFi mode for various applications. AP mode: as what a normal WiFi routers does, so other WiFi client can connect to MS14 and share its internet connection. Client mode: as what a normal PC does to connect to your existent WiFi router for internet connection. Ad-Hoc for mesh network.
 - Stable, Flexible WiFi Design. Can be configured in different WiFi mode for various applications. AP mode: as what a normal WiFi routers does, so other WiFi client can connect to MS14 and share its internet connection. Client mode: as what a normal PC does to connect to your existent WiFi router for internet connection. Ad-Hoc for mesh network.
 - Modular Design. The most complicate and difficulty parts are built as mother board. Developers focus on the MCU daughter board design only. This helps to reduce the development time, cost, risk, difficulty to release a new product to test/seize the market.
 - Production Enclosure. MS14 has a Professional/Industrial enclosure which can be used directly for the market.
 - Managed by Web GUI, SSH or Serial. Built-in Web server provides convenient to use/configure/upgrade/monitor or have full control by SSH/Serial.
 - Various firmware upgrade methods. Firmware can be upgraded via serial port, SSH access, GUI interface for easy maintaining.
 - Safe Mode. Robust software/hardware interface to reduce after-sale support cost.
 - Remote upgrade AVR daughter aboard. Daughter board can be upgraded remotely to reduce the maintaining cost and provide central management/ deployment.
 - Compatible with Arduino Yun software. Reuse all the source from Arduino Yun to speed up development.

Specifications

- Hardware System
 1. FLASH: 16MB
 2. DDR RAM: 64MB
 3. CPU: AR9331
- Interface
 1. Power input: 9 ~ 12v DC or 5v DC
 2. 10M/100M RJ45 interface
- WiFi Spec
 1. Protocol: 802.11 b/g/n
 2. Frequency: 2,412 - 2,472 GHz
 3. Power: 100mW

Includes

- Dragino v2 mother board
- [NEMA 1-15](#) type power supply adapter

Documents

- [Wiki for General Technical Guide](#)
- [Getting Start with Arduino Yun on MS14](#)
- [MS14_Schematic_v2.2.pdf](#)
- [Development Instruction.pdf](#)
- [1:1 Ratio Component Footprint.pdf](#)
- [Source Code](#)
- [Firmware](#)

Best-sellers



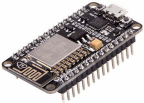
LinkIt Smart 7688 Duo



Dragino V2 MS14-S with M...



ESP-32S Wifi Bluetooth Co...



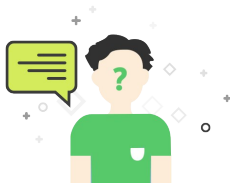
NodeMCU v2 - Lua based E...

Technical Details

Dimensions	210mm x 100mm x 50mm
Weight	G.W 260g
Battery	Exclude

Questions and Answers

Have a question about this? Ask people who own it.



View History



Seeeduino Mega



Seeeduino Ethernet



Bus Blaster v4



Seeeduino Lite

POPULAR SEARCHES

- PCB Manufacturing
- PCB Stencil
- Arduino
- XBee
- Arduino Shield
- Beaglebone Black
- Raspberry Pi
- Raspberry Pi Touchscreen
- Linkit
- Cubieboard
- Beaglebone Cape
- FPGA
- Linkit ONE
- Crazyflie 2.0
- Raspberry Pi 3 Model B
- RF Explorer
- DSO Nano v3
- MediaTek X20
- HiKey Board
- rplidar
- raspberry pi relay
- RPLIDAR A2



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