Iduino Yun adapter



Produktkode: 165aa
Tilgjengelighet: 1
Weight: 20.00g
Ring etter pris: 91166668

Kort beskrivelse
Newest Iduino Yun Shield Linux WiFi Ethernet USB Compatible for Arduino Board

Beskrivelse

Overview:

Yun Shield is one of the most powerful shields for Arduino Board. Yun Shield is designed to solve the Internet connectivity and storage issue for Arduino Board.

Yun Shield runs Open Source OpenWrt system (Same system as runs in Arduino Yun) and it is fully compatible with Arduino IDE v1.5.4 or later. Yun Shield is the ideally choice for Arduino Projects which require various internet connections and more storage.

Basically, Yun Shield + Leonardo equally to the official Arduino Yun, but Yun Shield is more flexible because it can work with other Arduino board such as Uno, Duemilanove, Mega etc. And Yun Shield uses external wifi antenna which provides stability and possibility for various environments.

Features:

- Open source Linux (OpenWrt) inside
- Low power consumption
- Compatible with Arduino IDE 1.5.4 or later, user can program, debug or upload

sketch to Arduino board via Arduino IDE.
- Managed by Web GUI, SSH via LAN or WiFi
- Software upgradable via network
- Built-in web server
- Support internet connection via LAN port, WiFi or 3G dongle.
- Support USB flash to provide storage for Arduino projects.
- Failsafe design provides robustly system.
- Compatible with Arduino Leonardo, Uno , Duemilanove, Diecimila, Mega

Specifications:

- Processor: 400MHz, 24K MIPS
- Flash: 16MBytes
- RAM: 64MBytes
- Power Input: 4.75v ~ 23v via Arduino VIN pin
- 1 x 10M/100M RJ45 connector
- 150M WiFi 802.11 b/g/n
- External Antenna via I-Pex connector
- 1 x USB 2.0 host connector, used for USB storage or 3G connection
- 1 x Reset button
- Compatible with 3.3v or 5v I/O Arduino.
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Package:

1 x Yun Shield

1 x External Antenna

Technical Guide:

Hardware Resource:
https://github.com/dragino/modules/tree/master/hardware/YunShield/v1.0

Software Source: https://github.com/dragino/linino

Firmware Download:
http://www.dragino.com/downloads/index.php?dir=motherboards/ms14/Firmware/Yun/

For more information, please kindly visit: http://www.geeetech.com/wiki/index.php/YUN_SHIELD