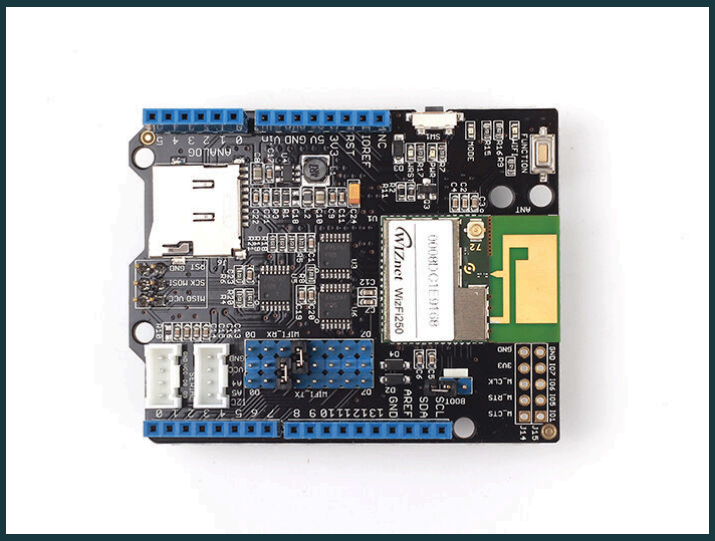
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INDUSTRIAL PRODUCT DATASHEET

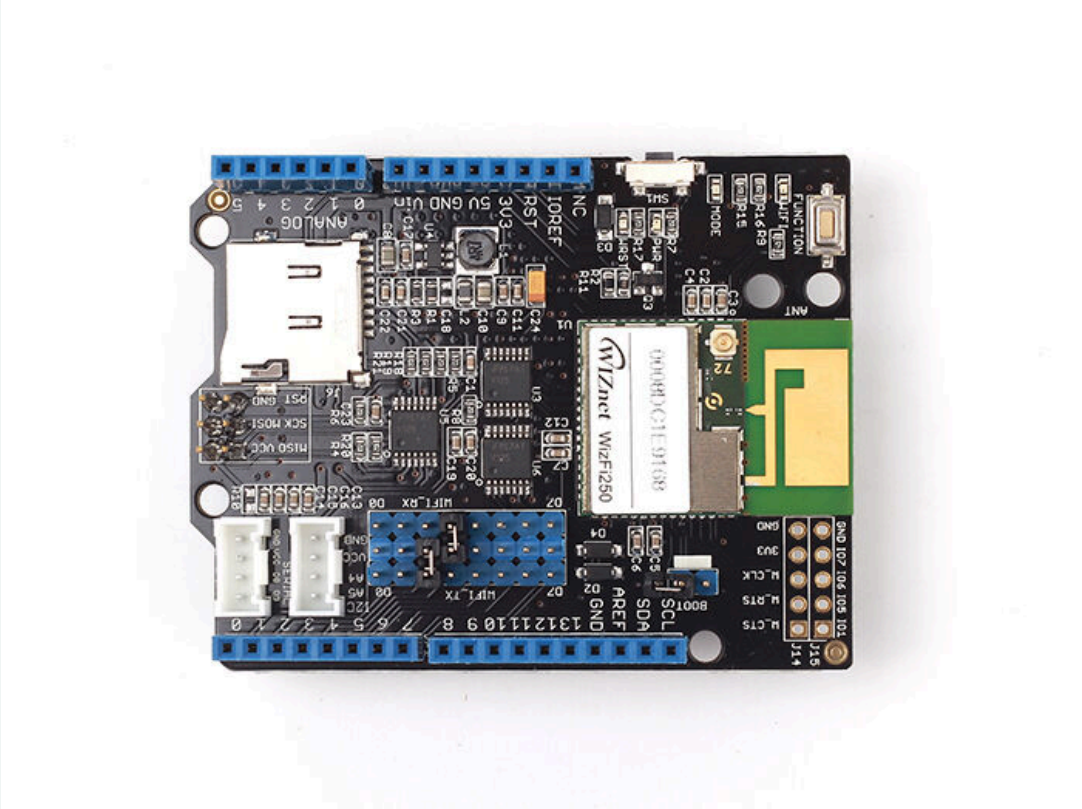
Wifi Shield (Fi250) V1.1

The Wifi Shield (Fi250) V1.1 offers cost-effective 802.11b/g/n Wi-Fi connectivity for Arduino with flexible antenna options, easy mode switching, and integrated data logging via Micro SD.

SKU	UPDATED	PRICE
103030027	2025-07-30 07:31:14	$44.90(Excl. VAT)



Overview



The Wifi Shield (Fi250) V1.1 is an economical Arduino Wi-Fi solution supporting IEEE 802.11b/g/n with speeds up to 65 Mbit/s, featuring an on-board PCB antenna and a reserved UFL connector for optional external antenna. It includes a mode switch key for AP mode, a USB-UART interface for control and firmware upgrades, and a Micro SD card socket for data logging in TCP/UDP server applications.

Key Features

Wifi Shield (Fi250) V1.1 is a economic internet solution with Arduino. The Wi-Fi module support IEEE 802.11b/g/n mode, maximum speed up to 65Mbit/s. Wifi Shield (Fi250) V1.1 combine on board antenna; it's easy to build you project in a small box. The module reserve a UFL connector, you can use an extra antenna to improve the signal range. There is a key on the board, just push one time to change wifi shield as AP mode. The module have a computer interface software, you can control and upgrade the module via USB-UART convertor. The wifi shield contain a Micro SD card socket, it's like a recorder when wifi shield working as TCP, UDP server.

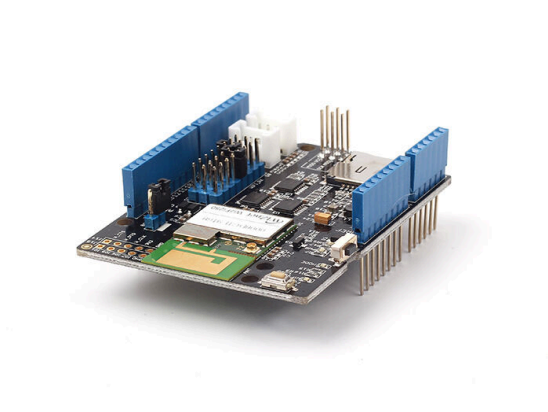
Features:

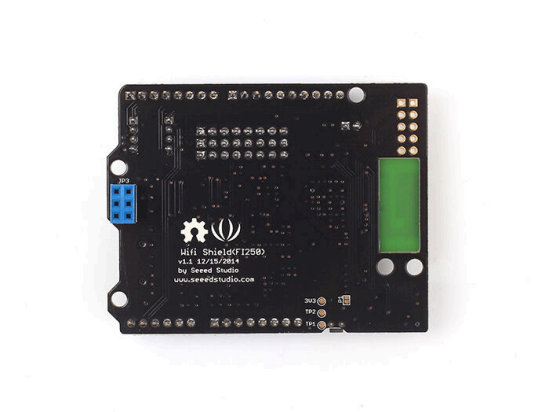
- Module: WIZnet FI250
- Operating Voltage: 5V or 3.3V (Auto select)
- Current: 300mA (maximum)
- Single band: 2.4GHz IEEE 802.11b/g/n
- Antenna: On board PCB antenna (reserver UFL connector)
- Memory: 1MB Flash Memory, 128KB SRAM, 1MB Serial Flash
- Interface: UART(default)/SPI(upgrade firmware)

Documents:

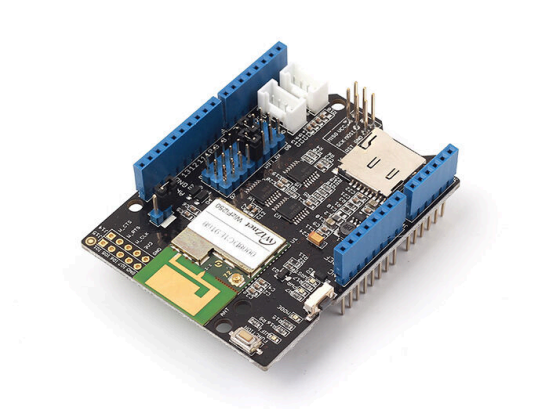
Please visit our **wiki** page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Product Gallery









Part List

Wifi Shield (Fi250) V1.1	1

Compliance & Logistics



HSCODE	8517709000
USHSCODE	8517710000
UPC	841454101680
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Wifi-Shield-Fi250-V1-1.html
- Wifi_Shield_(Fi250)_V1.1_sch_pcb.zip
- Wizfi250_programmer_s_guide.pdf
- Wizfi250_quick_start_guide.pdf
- Wizfi250_datasheet.pdf
- Wizfi250 library
- PDF_Wifi_Shield_(Fi250)_V1.1

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