Air602 WiFi Development Board
SKU 113990577

Related
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Air602 WiFi Module
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Description
The Air602 WiFi Development Board is based on Air602 Wi-Fi module and integrated USB interface and Antenna. If you plug this board into your computer, it will be recognized as Ports (COM & LPT), so that you can code it with Serial port tool. This module support IEEE802.11b/g/h and AT command.

Meanwhile, if you do not need the USB, you can consider the Air602 Wi-Fi module. The size of which is only 12mm*10mm.

Note
The Air602 forum is available now, you can find more resource here, and you can leave a message or discuss here.

Air 602 forum

Features

1. Interface
   • USB interface
   • UART/SPI
   • Integrated GPIO device controller

2. Wireless
   • Support IEEE802.11 b/g/e/i/d/k/r/s/w/n
Technical Details

- **Dimensions**: 3.80mm x 1.50mm x 3mm
- **Weight**: G.W 2g
- **Battery**: Exclude
- **WiFi Mode**: IEEE802.11b/g/n
  - Support Wi-Fi WMM/WMM-PS/WPA/WPA2/WPS
  - Support Wi-Fi Direct
  - STBC, GreenField, Short-GI
  - Support multiple network protocols: TCP/UDP/ICMP/DHCP/DNS/HTTP

**Typical Applications**

- intelligent home appliances
- smart home
- wireless audio and video
- smart toys
- medical monitoring
- industrial control
- other Internet of Things applications

**PIN MAP**

**Chip Function Block Diagram**
Air602 WiFi Development Board

This is the wiki page for this product, which will show you how to use the product, as well as details about the software and hardware.

**Frequency Range**
2.4~2.4835 GHz

**Modulation**
DSSS, OFDM, DBPSK, DQPSK, CCK, QAM16/64

**Interface**
UART, SPI, GPIO

**Network Type**
STA/AP/AP+STA/Wi-Fi Direct

**Verification Method**
WEP/WPA-PSK/WPA2-PSK

**Network Protocol**
TCP/UDP/ARP/ICMP/DHCP/DNS/HTTP

**Interface Protocol**
AT+ instruction set

**IC**
W600 Wi-Fi SoC

**Part List**
Air602 WiFi Development Board 1

**ECCN/HTS**

ECCN 5A002.a
HSCODE 8517709000

**Documents**
Air602 AT Command User Manual
Air602 Hardware Design Manual
W600 SDK

**Learn**

[Wiki] Air602 WiFi Development Board

This is the wiki page for this product, which will show you how to use the product, as well as details about the software and hardware.

**Questions and Answers**

Have a question about this? Ask people who

3  Do you have any documentation and sdk examples in English?
bigat02 on Sep 25, 2018
Hi there, sorry, we do not have the English document yet. thanks.
Seeed Techsupport Team on Sep 26, 2018 09:18 AM
Hi there— the instructions in English is on the way. We will release it here as soon as possible. Regards
Seeed Techsupport Team on Oct 16, 2018 10:10 AM
Hi there— The AT command user manual is available now. You can find it in the Document block this page. Regards
Seeed Techsupport Team on Oct 25, 2018 08:57 AM
Do you have any working example, such as a hello_world and/or using the peripherals in C or any other programming language?
davidbpurves on Nov 01, 2018 03:29 AM

0  How much FLASH? Why 2 different RAM blocks? Any chance of IDE support for direct programming in the future (vs the LUA)?
jamesnewton on Oct 14, 2018
Hi there— This module has a 1M Bytes Flash, and there are 288 kbyte RAM, 240 Kbyte is available for user and 48 Kbytes for WiFi. The CSDK of this module is builded in Keil, and you can program yourself.
Seeed Techsupport Team on Oct 17, 2018 16:50 PM
Hi there— We have confirmed with the manufacturer, this module do not support Lua, however you can program it with C SDK. Regards
jellyfish on Nov 02, 2018 11:11 AM

0  Surely someone in English knows how to send a AT command to the usb com port
pjmadigan on Oct 12, 2018
Hi there— The AT instruction is on the way, we will release this instruction in this page as soon as possible. Regards
Seeed Techsupport Team on Oct 17, 2018 16:52 PM
Hi there— The AT command user manual is available now. You can find it in the Document block this page. Regards
Seeed Techsupport Team on Oct 25, 2018 08:57 AM

0  Are there any instructions or application development information in English?
pjmadigan on Oct 12, 2018
Hi there— the instructions in English is on the way. We will release it here as soon as possible. Regards
Seeed Techsupport Team on Oct 16, 2018 10:10 AM
Hi there— The AT command user manual is available now. You can find it in the Document block this page. Regards
Seeed Techsupport Team on Oct 25, 2018 08:57 AM

0  Where is Air602 datasheet? Interesting about sleep modes and power consumption.
don-and-home on Oct 31, 2018
Hi there— You can find the sleep mode information in the AT Command User Manual this page. As for the power consumption, the hardware datasheet is on the way, we will release it here.

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