CPU
Quad-core ARM® Cortex® A53 processor with a maximum frequency of 1.2GHz per core supporting 32 and 64bit computing

Support system diversification
Android 5.1, Linux based on Debian Windows 10 IoT core

Wireless
WLAN 802.11 b / g / n 2.4 GHz, Bluetooth 4.1, GPS. Car GPS, BT and WLAN antennas

Application field
Suitable for communications, smart home, smart healthcare, Internet of Things (IOT) applications

Brand support
96boards official certification, see the website at the bottom for details

Compatibility
Compliant with 96Boards Open Hardware Design Specification IoT Edition(IE)

Wide operating temperature
Commercial grade operating temperature: -20°C to +65°C
Industrial grade operating temperature: -40°C to +80°C (optional)

Enterprise service
Provide comprehensive quality assurance, after-sales service and technical support
### Product Specification

**Processor**
Snapdragon 410 quad core ARM® Cortex® A53 (64bit, 1.2GHz)
Qualcomm® Adreno™ 306 GPU

**Memory/Storage**
| 1GB/2GB LPDDR3 533MHz(optional) |
| 8GB/ 16GB eMMC 5.0(optional) SD 3.0 (UHS-I) |

**External Storage**
1x Micro SD socket

**Camera interface**
Integrated ISP with up to 13 MP camera support

**Audio interface**
PCM/AAC+/MP3/WMA, ECNS,
Audio+ post-processing

**Other interface**
UART x 2
SPI x 1
I2S x 1
I2C x 2
GPIO x 12

**Power**
+5V

**Size (mm)**
35*60

**Operating Temperature**
-20°C to +65°C

**Net Weight (g)**
50

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**PS: 96boards Official website:** [https://www.96boards.org/product/4iot/](https://www.96boards.org/product/4iot/)