



- **CPU**  
Quad-core ARM® Cortex® A53 processor with a maximum frequency of 1.2GHz per core supporting 32 and 64bit computing
- **GPU**  
Qualcomm Adreno 306 @ 400MHz for PC-level graphics, support for advanced APIs including OpenGL ES 3.0, OpenCL, DirectX and content security
- **Support system diversification**  
Android 5.1, Linux based on Debian Windows 10 IoT core
- **Compatibility**  
Compliant with 96Boards Open Hardware Design Specification IoT Edition
- **Wireless**  
WLAN 802.11 b / g / n 2.4 GHz, Bluetooth 4.1, GPS. Car GPS, BT and WLAN antennas
- **Wide operating temperature**  
Commercial grade operating temperature: -20° C to +80° C  
Industrial grade operating temperature: -40° C to +80° C
- **Application field**  
Suitable for communications, smart home, smart healthcare, Internet of Things (IOT) applications
- **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 or 2GB LPDDR3 533MHz 8GB or 16 GB eMMC 5.0 SD 3.0 (UHS-I)
External Storage	1x Micro SD socket
Camera interface	Integrated Dual ISP with support for 3 image sensors up to 28MP
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)	35x60
Operating Temperature	-25°C to +85°C
Net Weight (g)	50