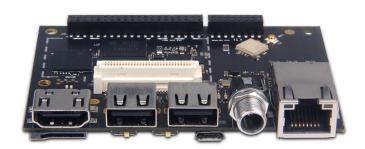
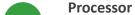
Qualcomm SD410E Developer DB4 V2

Geniatech





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



HD video 8 x 1080p@30fps

Ultra HD video 4K@60fps playback

Wide range of application scenarios

Applications in the communications, smart home, smart healthcare, Internet of Things (IOT) applications

Support system diversification

Android,

Linux

Windows 10

Graphics

AdrenoTM 306 400MHz, PC-level graphics processing power

Camera

Support 13MP camera, support wavelet denoising, JPEG decoding and other hardware-level post-processing techniques.

Compatibility

Compliant with 96Boards Open Hardware Design Specification

eMMC Storage

Reliable Write and Data Reliability parameter settings ensure existing data are not corrupted when a sudden power lost event occurs.





Product Specification

CPU	Snapdragon 410E, Quad core
GPU	Qualcomm [®] Adreno™ 306
CPU Frequency	1.2GHz
Internal Memory	1GB/2GB LPDDR3 533MHz
Internal Storage	8GB/16GB eMMC 5.0
OS	Android 6.0 ,Linux based on Debian ,Windows 10 IoT core
Bluetooth	4.0
Built-in WiFi	WiFi 5 Note: Android does not support wifi 5GHz
Ethernet port	RJ45 10/100/1000Mbps
RTC LTE Support GPS	Yes CN/EU/US/AU/Global, Yes
USB Interface	2x USB 2.0 type A (host mode only),1x USB 2.0 micro B (device mode only)
Micro SD Card Slot	1
Display	HDMI 1.3 – HDMI full-size type A connector (1080p HD @ 30 fps), 1x MIPI-DSI 4-lane, up to 720p 60fps or 1080p 30fps for optional display/touch
Expansion	1x 96boards 40 pin Low-Speed connector
connector	 UART, SPI, I2S, I2C x2, GPIO x12, DC power 1x 96boards 60 pin High-Speed connector 4L-MIPI DSI, USB, I2C x2, 2L+4L-MIPI CSI Footprint for one optional 16-pin Analog expansion connector Headphone output, Class-D speaker driver output, Microphone input,FM RX Antenna
Size (mm)	85 X 60mm
Operating Temp	-10°C to +85°C
Power	+6.5V to +18V



