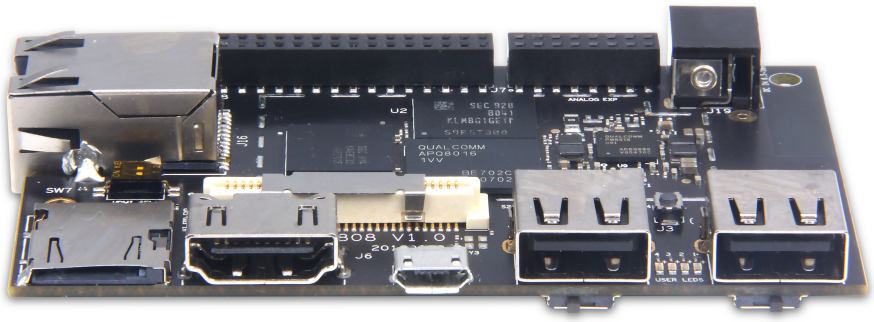
Qualcomm SD410E 96Boards CE

DB4 V3

Geniatech



Processor

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

Graphics

AdrenoTM 306 400MHz 3D graphics accelerator, PC-level graphics processing power

Excellent graphics processing power

HD video 720p@60fps
HD video 1080p@30fps

Camera

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

Wide range of application scenarios

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

Compatibility

Compatible with Mezznine Board interface standard.
Multiple Mezznine boards (optional)

Support system diversification

Android

Linux

Windows 10 IoT core

Service

Provide comprehensive quality assurance and technical supportMass production service

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	WLAN 802.11 b/g/n/ac 2.4GHz/5.0GHz Note:Android doesn't support WiFi 5GHz
WiFi Frequency Range	2.400~2.497GHz,5.725 ~ 5.825 GHz
Ethernet port	RJ45 10/1000Mbps
GPS	Yes
USB Interface	2x USB 2.0 type A (host mode only),1x USB 2.0 micro B (device mode only,support OTG)
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 30fps or 1080p 30fps for optional display/touch
Expansion connector	1x Mezznine boards 40 pin Low-Speed connector • UART, SPI, I2S, I2C x2, GPIO x12, DC power 1x Mezznine boards 60 pin -Speed connector High • 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 * 60*12mm
Operating Temp	-25°C to +85°C
Power	DC:+6.5V to +18V

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Seeing is believing

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