



Processor

Dual-core Cortex-A72 up to 1.8GHz
Quad-core Cortex-A53 up to 1.4GHz

Excellent graphics processing power

HD video 3 x 1080p@30fps
4K UHD H265/H264/VP9

Wide range of application scenarios

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

Graphics

ARM® Mali-T860 MP4 Quad-core GPU
Support OpenGL ES1.1/2.0/3.0/3.1,
OpenVG1.1, OpenCL, DX11
Support AFBC

Camera

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

Compatibility

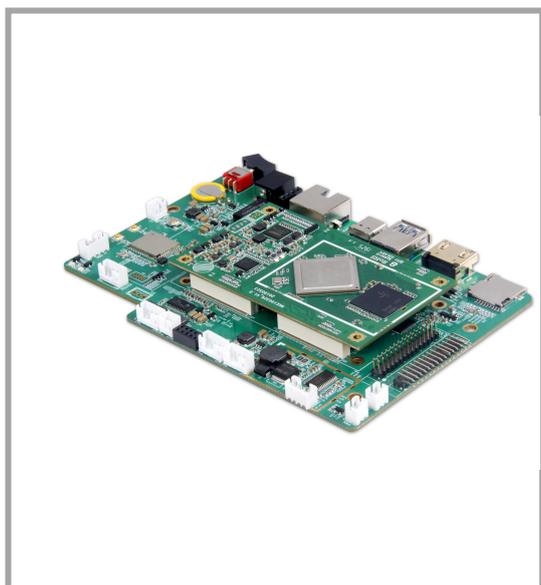
Compliant with 96Boards Open Hardware Design Specification

Support system diversification

Android, Linux

Enterprise service

Provide comprehensive quality assurance, after-sales service and technical support



Product Specification

CPU	Dual-core Cortex-A72 up to 1.8GHz Quad-core Cortex-A53 up to 1.4GHz
GPU	Mali-T864 GPU
Internal Memory	2GB LPDDR4 (4GB option)
Internal Storage	8GB EMMC (16/32/64GB option)
OS	Android 7.1/Linux
Bluetooth	4.2
Built-in WiFi	802.11 a/b/g/n/ac
WiFi Frequency Range	2.400~2.497GHz, 4.900~5.845GHz
Ethernet port	RJ45 10/100/1000Mbps
GPS	Yes
USB Interface	USB 3.0 x 1; Type-C x 1
Micro SD Card Slot	1
Camera	Integrated Dual ISP with support for 2 image sensors up to 13MP
Expansion connector	1x 96boards 40 pin Low-Speed connector • UART x2, SPI, I2S, I2C x2, GPIO x12, DC power 1x 96boards 60 pin High-Speed connector • 4L-MIPI DSI, LVDS, USB, I2C x2, 2L+4L-MIPI CSI 2x Analog expansion connector • headset, speaker via sound-wire interface, microphones, line-outs 1x 60 pin High-Speed connector • secondary 4L-MIPI DSI, SSC serial busses, TSIF – connection available only in hardware
Size (mm)	124*126
Power	12V

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Seeing is believing

18th F, G.D.C Building, No.9 Gaoxin Middle 3rd Rd, Nanshan District, Shenzhen City, China
TEL:+86-755-86028588 FAX:+86-755-26710210
www.geniatech.com E-mail:sales@geniatech.com