



Processor

Qualcomm Snapdragon 410E
ARM Cortex-A53 microprocessor cores up to 1.2 GHz

Excellent graphics processing power

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

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 IoT Core

Graphics

Qualcomm Adreno 306
up to 400 MHz 3D graphics accelerator

Camera

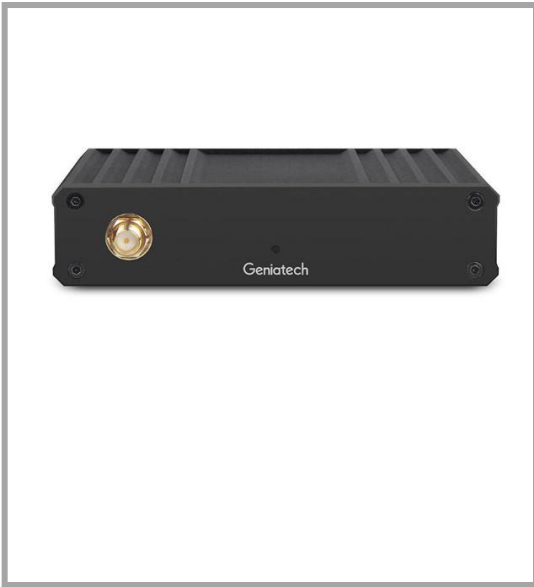
Support 13MP camera, support wavelet denoising, JPEG decoding and other hardware-level post-processing techniques

Compatibility

Separate housing, compact and lightweight
Multiple Mezzanine boards (optional)

Enterprise service

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



Product Specification

CPU	Qualcomm 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
RTC	Support (All series, all system platforms)
Ethernet port	RJ45 10/100Mbps
Built-in WiFi	WLAN 802.11 b/g/n 2.4GHz
Bluetooth	4.1
GPS	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 connector	1x Mezzanine boards 40 pin Low-Speed connector • UART, SPI, I2S, I2C x2, GPIO x12, DC power 1x Mezzanine boards 60 pin High-Speed connector • 4L-MIPI DSI, 2L+4L-MIPI CSI, USB, I2C x2 1x 16-pin Analog expansion connector • Headphone output, Class-D speaker driver output, Microphone input, FM RX Antenna
Antenna(External)	1x WiFi&Bluetoot shared antenna
Size (mm)	97 *71*23mm
Operating Temp	-10°C to +65°C
Power	DC:+6.5V to +18V