Processor

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

Excellent graphics processing power

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

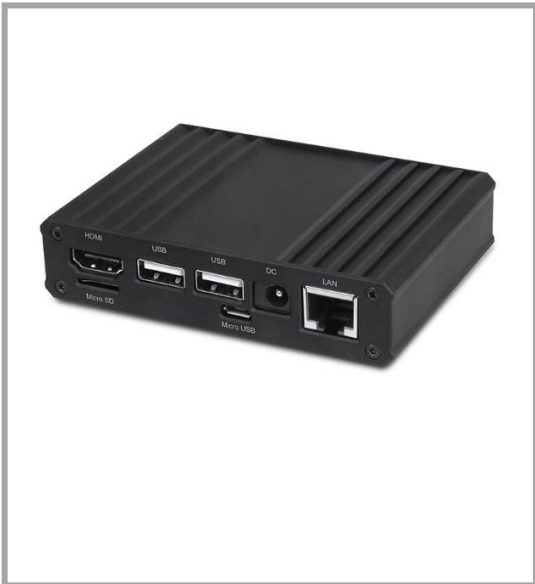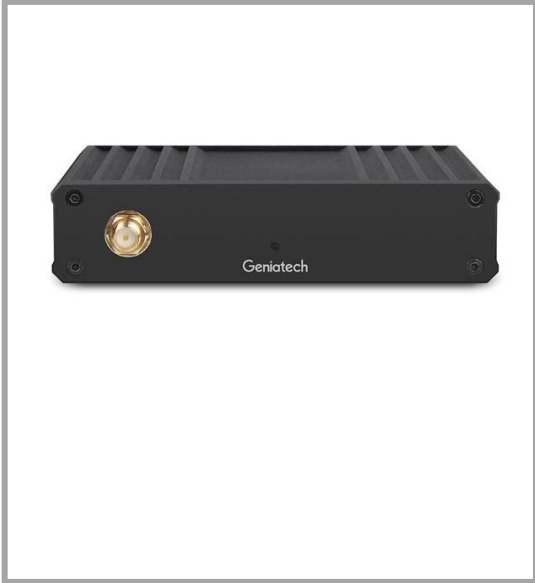AdrenoTM 306 400MHz, PC-level graphics processing power

Camera

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

Compatibility

Separate housing, compact and lightweight
Multiple Mezznine boards (optional).

eMMC Storage

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

Product Specification

CPU	Snapdragon 410C, Quad core
GPU	Qualcomm® Adreno™ 306
CPU Frequency	1.2GHz
Internal Memory	1GB/2GB LPDDR3 533MHz
Internal Storage	8GB/14GB eMMC 5.0
OS	Android 5.1,Linux based on Debian ,Windows 10 IoT core
Bluetooth	4.1
Built-in WiFi	WLAN 802.11 b/g/n 2.4GHz
WiFi Frequency Range	2.400~2.497GHz
Ethernet port	RJ45 10/100Mbps
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 Mezznine boards 40 pin Low-Speed connector • UART, SPI, I2S, I2C x2, GPIO x12, DC power 1x Mezznine boards 60 pin High-Speed connector • 4L-MIPI DSI, USB, I2C x2, 2L+4L-MIPI CSI Footprint for one optional 16-pin Analog expansion connector • Headset, Speaker, FM antenna
Size (mm)	85 *60mm
Operating Temp	-10°C to +65°C
Power	DC:+6.5V to +18V