



● **Interface connector**

Standard QSeven interface, compatible with IMX6S, IMX6D, IMX6Q, IMX6QP and other motherboards, flexible configuration on demand.

● **Support system diversification**

Support Android, Linux and Windows 10 iot core operating systems

● **Wide range of application scenarios**

Deliverable solutions for digital signage, high-end instruments, medical devices and industrial applications

● **Excellent graphics processing power**

R1080P video decoding  
2D/3D graphics acceleration  
H.264 hardware compression

● **Feature-rich**

SATA interface, PCIe interface, external WiFi, SIM card slot, audio, USB, Micro USB, etc.

● **Power management**

Independent power management is more secure.

● **Wide operating temperature**

Commercial grade operating temperature: -20°C to +80°C

Industrial grade operating temperature: -20°C to +80°C

● **Enterprise service**

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



## Product Specification

CPU	iMX6Q, Quad Cortex-A9
CPU Frequency	1.2GHz
Internal Memory	1GB LPDDR3
Internal Storage	8GB eMMC5.1
OS	Android 8.0/Linux/Windows10 IOT
Bluetooth	4.1
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	NO
USB Interface	USB 2.0 Host x 2; USB 2.0 OTG x 1; Micro USB x 1
Micro SD Card Slot	1
Camera	Integrated Dual ISP with support for 3 image sensors up to 28MP
Expansion connector	<p>1x 96boards 40 pin Low-Speed connector</p> <ul style="list-style-type: none"> <li>• UART x2, SPI, I2S, I2C x2, GPIO x12, DC power</li> </ul> <p>1x 96boards 60 pin High-Speed connector</p> <ul style="list-style-type: none"> <li>• 4L-MIPI DSI, USB, I2C x2, 2L+4L-MIPI CSI</li> </ul> <p>2x Analog expansion connector</p> <ul style="list-style-type: none"> <li>• headset, speaker via sound-wire interface, microphones, line-outs</li> </ul> <p>1x 60 pin High-Speed connector</p> <ul style="list-style-type: none"> <li>• secondary 4L-MIPI DSI, SSC serial busses, TSIF – connection available only in hardware</li> </ul>
Size (mm)	117.4*149mm
Power	+12V