



MT3620 Module(AI-Link WF-M620-RSC1)

SKU 317060362

★★★★★

- 1 +

CN Warehouse



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Over View

Seeed has launched the Azure Sphere MT3620 Development Kit for a while, developers have been experienced the Azure Sphere developing process, and some of them has further request for customized hardware for their own project. Now we have released new Azure Sphere Mini Dev Board, which is based on the MT3620 stamp form factor module designed by Seeed's partner [AI-Link](#).

AI-Link

The WF-M620-RSC1 IoT module is based on the MediaTek MT3620AN, a highly integrated single chip, tri-core Wi-Fi MCU designed to meet the requirements of modern robust internet-connected devices. It leverages the Microsoft Azure Sphere security architecture to provide an unprecedented level of security to connected device manufacturers. The stamp form factor makes it easier for developer designing their hardware, lower the layout complexity and manufacture defective rate.

Specification

| | |
|-----------------------|--|
| MCU | MT3620 <ul style="list-style-type: none">1 * ARM Cortex A7 core @500MHz, 4MB RAM2 * ARM Cortex M4 core @200MHz, 64KB RAM |
| Interface | ISU0(configured as SPI 0 or UART 0) ISU1(configured as SPI 1 or UART 1 or I2C 1) PWMx8: PWM4~PWM11 ADCx4: ADC0~3 GPIO: 14 GPIO pins with multi-functions |
| Connectivity | 802.11 b/g/n Wi-Fi |
| Antenna Type | Integral PCB Trace Antenna/Option to fit IPEX connector for external antenna |
| Operating Temperature | -40~85°C |
| Dimensions | L:30mm*W:22mm*H:2.5mm±0.2mm |
| Certification | CE / FCC / MIC / RoHS |

Technical details

| | |
|------------|-------------------|
| Dimensions | 30mm x22mm x2.5mm |
| Weight | G.W 3g |
| Battery | Exclude |

ECCN/HTS

| | |
|--------|-----------|
| ECCN | 5A002.a.1 |
| HSCODE | 851770900 |
| UPC | |
| FCC | 1 |
| CE | 1 |

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