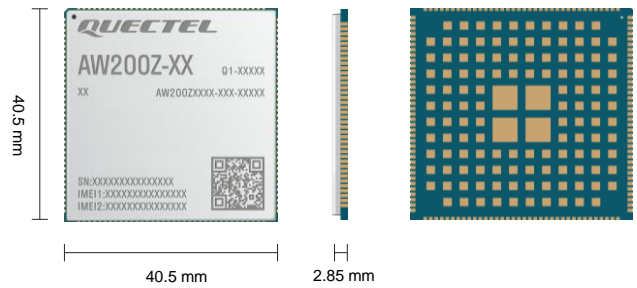


Quectel AW200Z Series

Multi-mode Smart LTE Module with Wi-Fi & Bluetooth



AW200Z series module is Quectel’s new generation of multi-mode Smart LTE Cat 4 module. Based on Qualcomm 64-bit quad-core Cortex-A53 processors with built-in Adreno™ 702 GPU, it is ideal for both industrial and consumer applications requiring high data rate, multimedia functions and long lifetime support. It is also designed with functionality (such as Vehicle HAL, B2C, 2-Wheeler Service, Early Service etc.) to help meet requirements of the two-wheeler industry.

AW200Z series module supports multiple-input multiple-output (MIMO) technology. The use of multiple antennas at the receiver end on the same frequency band greatly minimizes errors and improves the data speed. This module also combines high-speed wireless connectivity with embedded multi-constellation and high-sensitivity GNSS receiver supporting GPS, BDS, GLONASS, Galileo, QZSS, SBAS for positioning.

A rich set of interfaces (such as LCM, Camera, Touch Panel, MIC, Line Out, UART, USB, I2C and SPI) extend the applicability of the module to a wide range of two-wheeler applications.

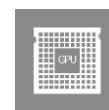


Key Features

- ✓ Exceptional application and system performance based on the quad-core Cortex-A53 64-bit processor
- ✓ Enhanced mobile rendering APIs for image and video applications via Adreno™ 702 GPU
- ✓ Worldwide LTE, UMTS/ HSPA+ and GSM/ GPRS/ EDGE coverage
- ✓ Dual ISPs and up to 25 MP camera @ 30 fps
- ✓ Recording and playback of 1080P videos @ 30 fps
- ✓ Multi-constellation GNSS receiver for applications requiring fast and accurate fixes in any environment



ARM Cortex-A53 64-bit Processor (Quad-core)



Qualcomm® Adreno™ 702 GPU



Android OS



LTE Cat 4
Max. 150 Mbps (DL)
Max. 50 Mbps (UL)



IEEE 802.11 a/ b/ g/ n/ ac



Bluetooth 5.0 (BR/ EDR + BLE)



GPS/ BDS/ GLONASS/ Galileo/ QZSS/ SBAS



Powerful Multimedia Functions



LCC + LGA Package