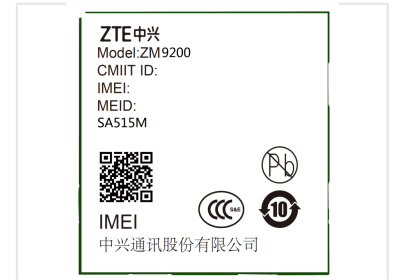


5G & C-V2X Wireless Communication Module

This high-performance module supports 5G NR and C-V2X wireless protocols. Its compact form and low power consumption make it suitable for diverse automotive and IoT device integrations.



Product Overview

High-Performance Wireless Connectivity

This advanced 5G and C-V2X wireless communication module is engineered for demanding automotive and IoT applications. It supports a comprehensive range of global frequency bands, including 5G NR and C-V2X, to enable reliable, high-speed data transfer for autonomous driving and smart transportation systems. With a compact LGA form factor and wide operational temperature range, it is designed for seamless integration into rugged, mission-critical environments.

Physical Specifications

Form Factor	LGA
Dimensions	46.5mm x 46.5mm
Weight	10 g

Connectivity & Frequencies

C-V2X Protocols

- V2N
- V2V
- V2I
- V2P (Rel-15)

GNSS Support

BeiDou • GLONASS • GPS • Galileo

Supported Networks

GSM, WCDMA, LTE, 5G FR1, C-V2X

Technical Environment

Operating Temperature

-40 °C Min Operating Temp	85 °C Max Operating Temp
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Storage Temperature

-40°C to +90°C

Humidity Range

5% - 95% RH

System & Maintenance

Operating System	Linux
Firmware Upgrade	Yes