

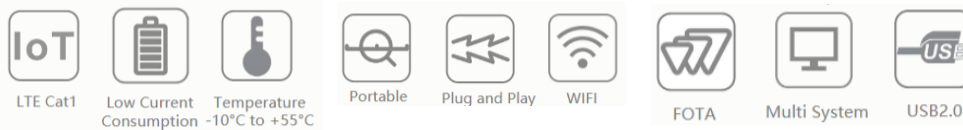
4G LTE WiFi Mini USB Chocolate Dongle

R303

The R303 Series is a mini USB dongle that utilizes a next-generation 4G platform, ensuring stable and reliable performance. It supports FDD/TDD communication modes with a max. download speed of 10Mbps and upload speed of 5Mbps (Cat1) or max. DL 150Mbps and UL 50Mbps (Cat4). Compact and lightweight, the R303 Series is similar in size to a chocolate bar, measuring just 50.8mm × 33.8mm × 11.3mm. It features a standard Type-C interface for seamless plug-and-play functionality.

The R303 Series can connect to laptops, tablets, smartphones, and portable power banks without requiring any driver installation or configuration. Additionally, it can function as a Wi-Fi access point for up to two clients, making it ideal for travel, remote debugging, and IoT applications.

Compatible with multiple operating systems, including Windows, Linux, Android, Harmony, and macOS, the R303 Series is widely applicable in industrial control, industrial IoT, medical instruments, industrial PCs, and industrial routers.



Specifications

- FDD LTE : B1/B3/B5/B7/B8/B20/B28 ; TDD LTE: B38/B40/B41
- WiFi: 802.11b/g/n, SoftAP Mode
- Type-C, USB 2.0
- Built-in Antenna
- Nano SIM
- Fast boot, High-speed Internet Access
- Data Transmission:
 - LTE CAT1: Max. 5Mbps(UL) Max. 10Mbps(DL)
 - LTE CAT4: Max. 50Mbps(UL) Max. 150Mbps(DL)
 - WiFi: Max. 3.5Mbps(UL) Max. 6.5Mbps(DL)
- Voltage Range : 4.5-5.5V(Typ. 5.0V)
- Power Consumption
 - IDLE: **11mA@3.8V**, Max. 500mA @23dB FDD Band
 - WiFi Receiving : 60mA, WiFi Sending : 90mA
- Operation Temperature : -10~+55°C
- Dimensions: 50.8mmX33.8mmX11.3mm
- OTG and Data Transmission
- Plug and Play for Multi Operation System
 - Windows 7 OS or later
 - Android 7 OS or later
 - IOS 17 / HarmonyOS 3 OS or later
 - MACOS 10.15 OS or later
- LED indication: Network, Status, Power



Ordering Information

Model Name	Description
R303-E1	4G LTE Cat1 WiFi Mini USB Dongle: FDD LTE : B1/B3/B5/B7/B8/B20/B28, TDD LTE: B38/B40/B41, 5Mbps(UL) 10Mbps(DL), 802.11b/g/n
R303-E4	4G LTE Cat4 WiFi Mini USB Dongle: FDD LTE : B1/B3/B5/B7/B8/B20/B28, TDD LTE: B38/B40/B41, 50Mbps(UL) 150Mbps(DL), 802.11b/g/n
Package List	
1 x Product Unit	
1 x mini USB to Type C	