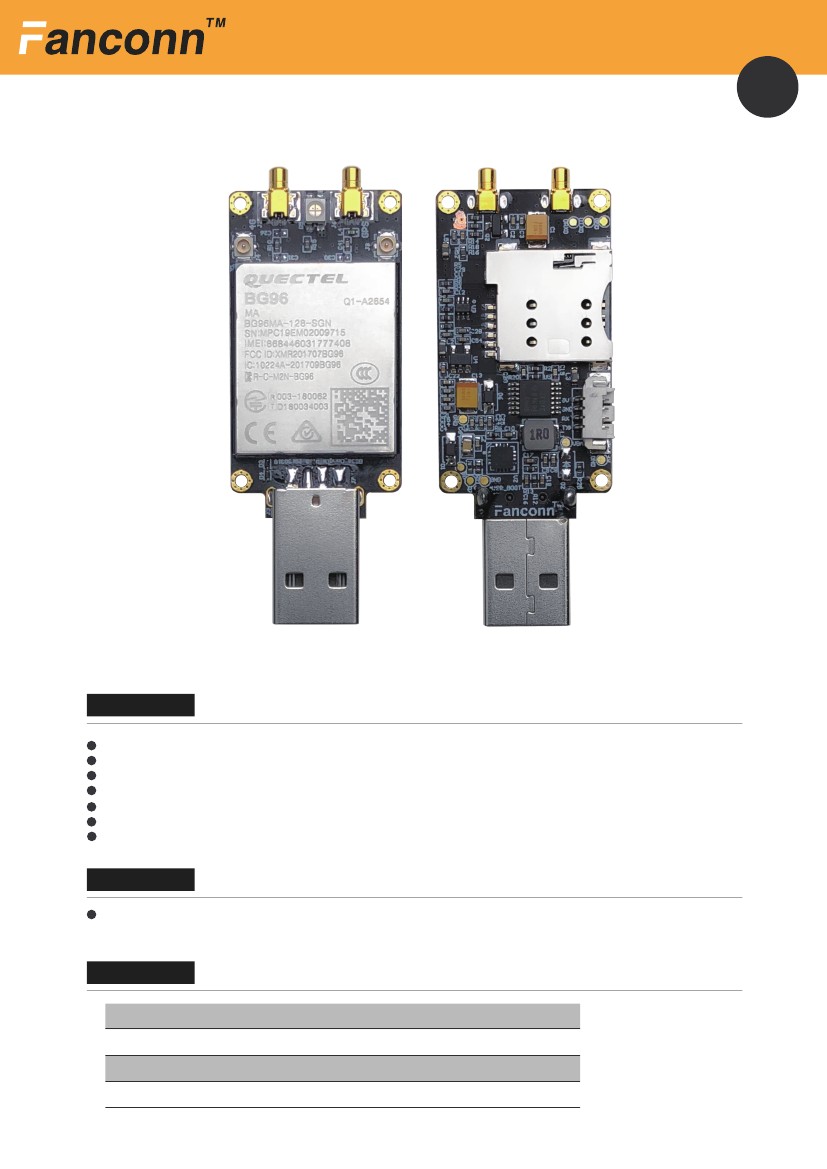
ODM Development Customization



1

FANCONN BG96 Dongle

BG96 series

KEY FEATURES

Quectel BG96 Module

Small size 63mm×24mm

Support for multi-band and GPS\*

LTE Cat M1 & Cat NB1 & EGPRS module with ultra-low power consumption

Support USB / UART transparent transmission two working modes

Industrial grade operating temperature, -40 to 85 degrees harsh environment

Supporting dual antennas

APPLICATIONS

Tracking and positioning, vehicle positioning management, equipment networking,

Specifications

Module

USB

SIM card type

Data rate

BG96

1×USB 2.0

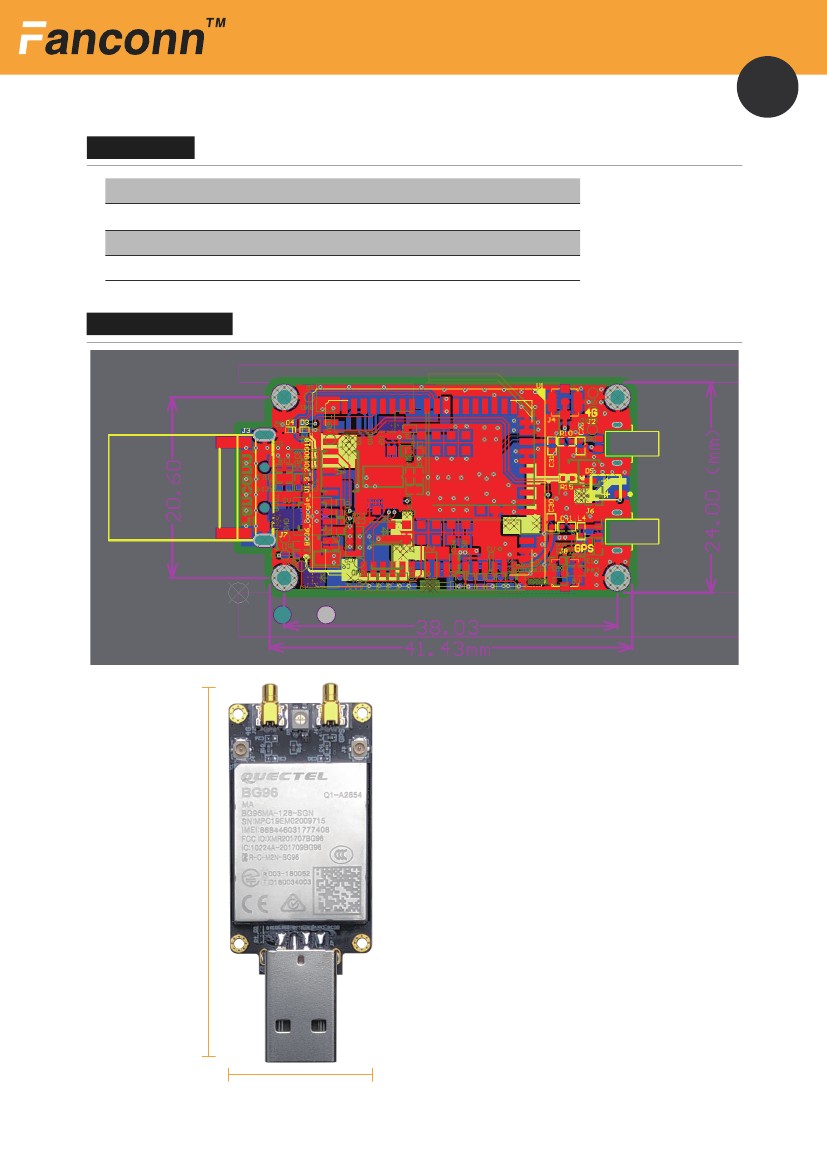
Micro SIM

data rate of 375Kbps downlink and 375Kbps uplink.

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2

Specifications

range of working temperature

Power input

System Support

Uart Interface

-40 to 85 degrees harsh environment test

4.5V-6V

Windows XP/7/8/10, Linux 2.6/3.x/4.1~4.14, Mac OS

3.3V TTL

Dimensional Drawing

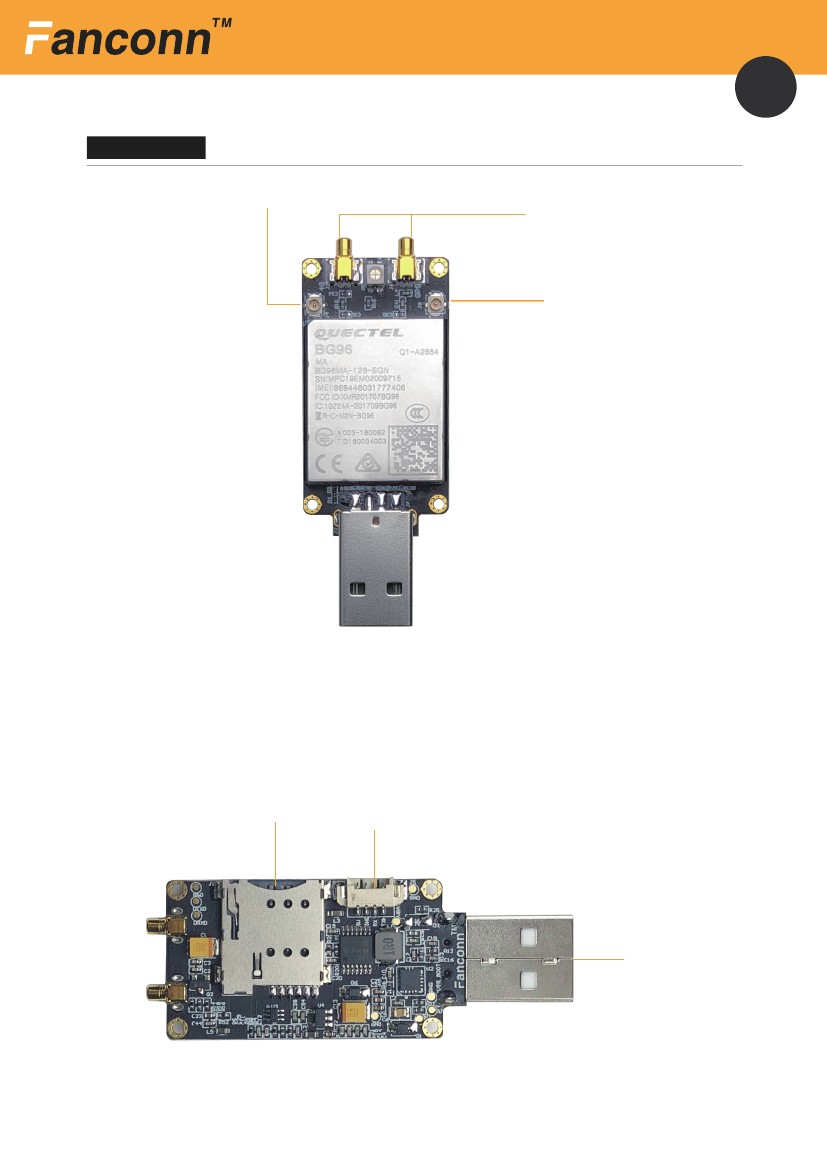
63mm

24mm

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3

Component Map

GSM/GPRS/ multi-band

ts-9 Data antenna

Diversity antenna

Micro SIM

4P 1.27UART

VCC 5V

USB D-

USB D＋

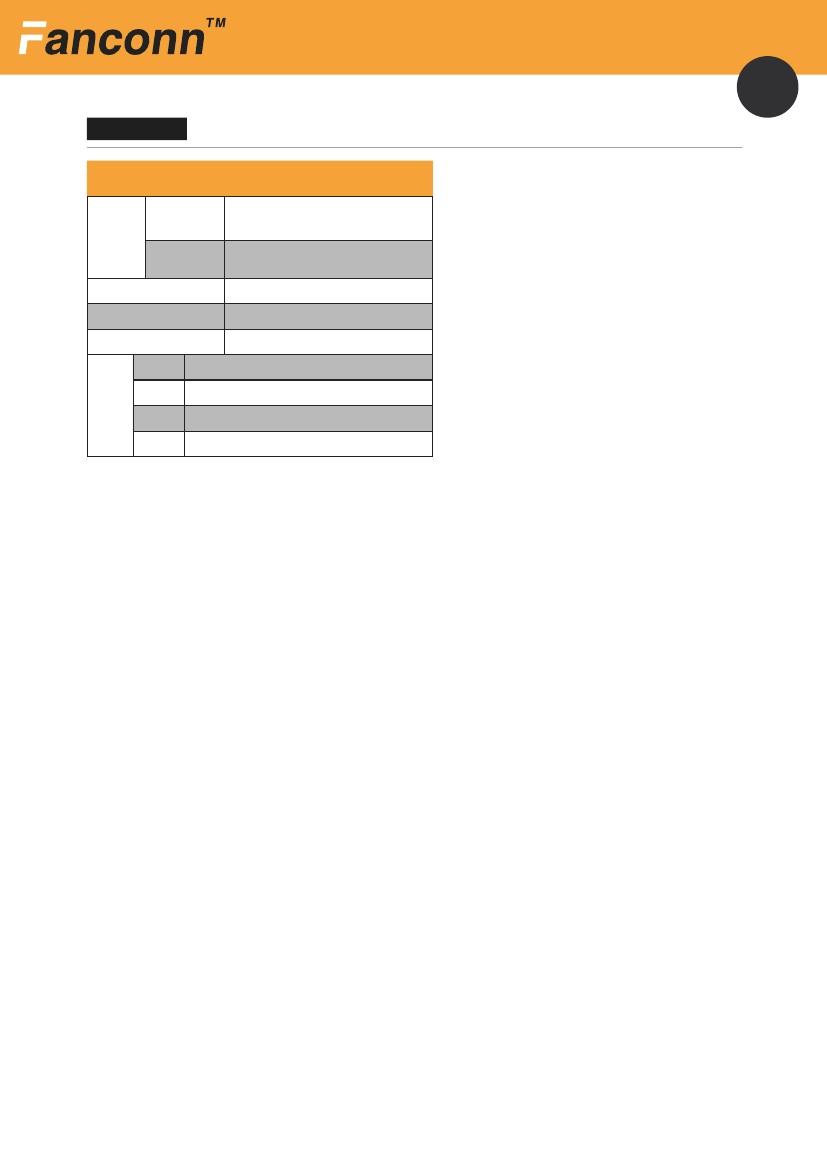
GND

GND

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4

Specification

Frequency

FDD-LTE

LTE

TDD-LTE

B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28

B39

EGPRS

Embedded GNSS

Region

850/900/1800/1900Mhz

Optional

Various regions

Cat M1

Cat NB1

DATA

EDGE

Max. 375Kbps(DL), Max. 375Kbps(UL)

Max. 32Kbps(DL), Max. 70Kbps(UL)

Max. 296Kbps(DL), Max. 236.8Kbps(UL)

GPRS

Max. 107Kbps(DL), Max. 85.6Kbps(UL)

While every effort is made to ensure the information is accurate,

FANCONN does not accept liability for any errors or mistakes that may arise.

All specifications are subject to change without notice

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