

Four-Faith

5G CPE

FNB310

Introduction

FNB310 is 5G indoor CPE, supports NR (SA&NSA), TDD-LTE, FDD-LTE, converts cellular network data into WIFI and wired network port data, supports 1x1G LAN port, 1x1G LAN/ WAN port, 2.4G+5G dual-band WIFI-AP. It is suitable for home or commercial scenarios that require rapid deployment of wired broadband networks and WIFI hotspots.

Product Specification

Cellular Specification	
Items	**Contents**
Frequency Band	**5G NR NSA:** n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48*/n66/n71/n77/n78/n79 **5G NR SA:** n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48*/n66/n71/n77/n78/n79 **LTE-FDD:** B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 **LTE-TDD:** B34/B38/39/B40/B41/B42/B43/B48 **WCDMA:** B1/B2/B3/B4/B5/B6/B8/B19 Remarks: Different modules support different network standards
MIMO	**5G NR:** DL 4 × 4 MIMO: n1/n2/n3/n7/n25/n38/n40/n41/n48/n66/n77/n78/n79 UL 2 × 2 MIMO: n41 **LTE:** DL 4 × 4 MIMO: B1/B2/B3/B4/B7/B25/B30/B32/B34/B38/39/B40/B41/B42/B43/B48/B66 Remarks: B32/B46 receive only
Theoretical Maximum Bandwidth	**5G Sub-6:** DL: 2.5 Gbps, UL: 600 Mbps **LTE:** DL: 1 Gbps, UL: 200 Mbps

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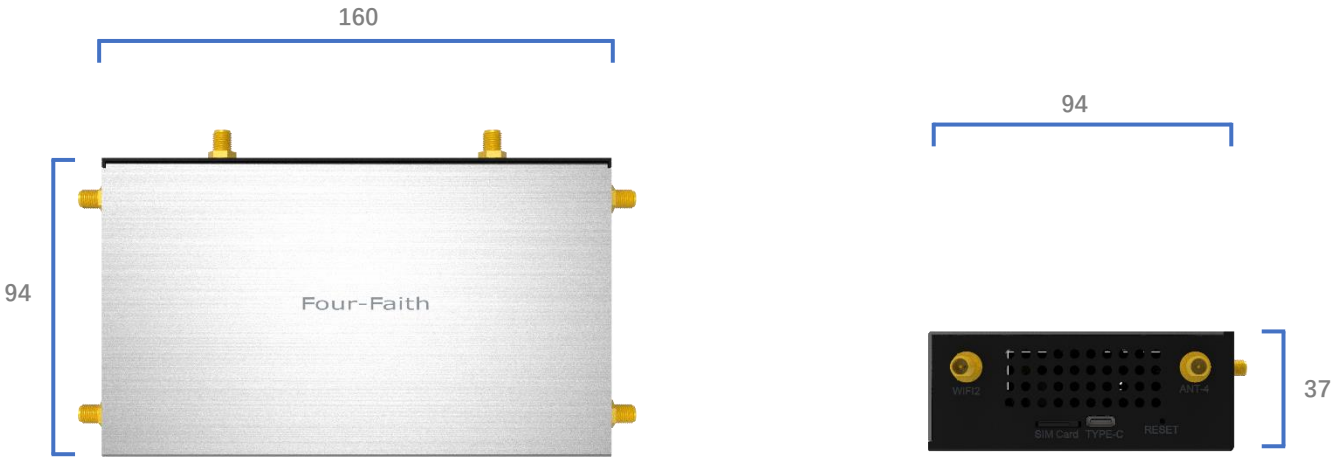


Hardware	
Items	**Contents**
CPU	@880MHz, Dual-core
FLASH	128MB
DDR3	512MB
WIFI Specification	
Items	**Contents**
WIFI Protocol	IEEE802.11 a/b/g/n/ac/ax
Frequency	2.4GHz+5GHz
Theoretical Maximum Bandwidth	2.4GHz 2x2MIMO 11ax,0.573 Gbps 5GHz 2x2MIMO 11ax, 1.2 Gbps
Channel Bandwidth	20MHz, 40MHz, 80MHz
Power Supply	
Items	**Contents**
Standard Power Supply	DC 12V/3A
Power Supply Range	DC 9~24V
Working Current	< 1.1A (12V)
Interfaces	
Items	**Contents**
LAN 2 / WAN	1 x 1G Ethernet (RJ45), auto MDI/MDIX
LAN 1	1 x 1G Ethernet (RJ45), auto MDI/MDIX
Telephone	1 x RJ11 (Optional)
Indicator	Signal, 5G, 4G, WIFI, Power
SIM Card	Nano-SIM interface (Compatible with eSIM)
Antennas	2 x WIFI Antennas (RP-SMA-J interfaces) 4 x 5G Antennas (SMA-J interfaces)
Power	Three-core DC locomotive power socket, built-in power reverse protection
USB	Type C 2.0
Reset Button	Through this button, the parameter configuration can be restored to the factory value
Physical Properties	
Items	**Contents**
Shell	Metal Casing
Dimensions	160x94x37mm
Weight	801.5g
Operating Temperature	-20~+60℃
Storage Temperature	-40~+85℃
Humidity	95% (No-condensing)

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Dimension (mm)



Accessories (Optional)

Sucker Antenna	Stick Antenna (Standard)	All-in-one Antenna







Order Information

Models	Description
FNB310	Cellular (5G NR), 2.4G/5G WIFI, SIM*1