



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/ 3/ 7/ 28/ 38/ 40/ 41/ 77/ 78
	5G NR SA n1/ 3/ 5*/7/ 8/ 20/ 28/ 38/ 40/ 41/ 66*/ 71/ 77/ 78
	LTE-FDD B1/ 2/ 3/ 4/ 5/ 7/ 8/ 20/ 28A/ 28B/ 66
	LTE-TDD B38/ 40/ 41
	WCDMA B1/ 2/ 5/ 8
	Theoretical Maximum Bandwidth

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5G CPE FNB310

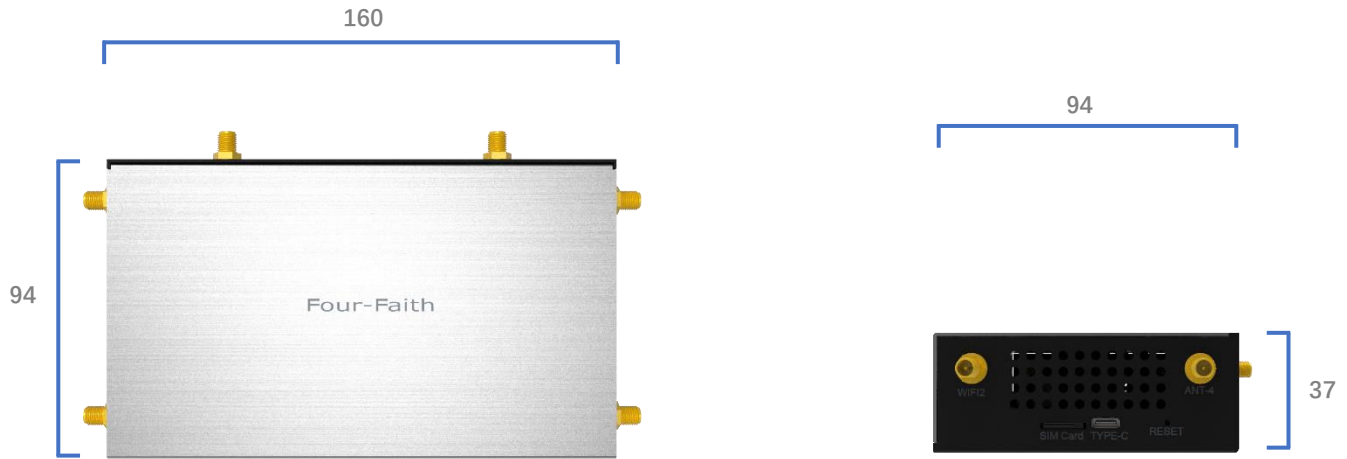


Hardware	
Items	Contents
CPU	@880MHz, Dual-core
FLASH	128MB
DDR3	512MB
WIFI Specification	
Items	Contents
WIFI Protocol	IEEE802.11 a/b/g/n/ac/ax
Frequency	2.4GHz+5GHz
Theoretical Maximum Bandwidth	2.4GHz 2x2MIMO 11ax, 0.573 Gbps
Bandwidth	5GHz 2x2MIMO 11ax, 1.2 Gbps
Channel Bandwidth	20MHz, 40MHz, 80MHz
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 Indicator	1 x RJ11 (Optional) 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°C
Storage Temperature	-40~+85°C
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

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