

Four-Faith

5G ODU

FNB600-01

5G 5G | 5G 5G Redcap | WiFi 6 WIFI 6 | Remote Management

Introduction

FNB600-01 is a high-performance 5G Outdoor Unit / Outdoor CPE, supports NR (SA&NSA), 5G Redcap, TDD-LTE, FDD-LTE, converts cellular network data into wired network port data. It has high-speed 1G LAN port, PoE power receive. With metal cooling base and IP67 waterproof casing, it is suitable for outdoor harsh environment scenarios that require rapid deployment of FWA (Fixed Wireless Access) applications.

Standard & Convenience

- Support standard DC power supply ports. If PoE is not convenient, DC power can be directly deployed.
- The metal cooling base is used to greatly discharge the internal heat of the equipment in time to ensure the high-speed and stable operation
- Support power supply from PoE
- Support Dual-SIM, one main one backup
- Protection level up to IP67

High Performance

- Supports a variety of installation methods, such as hoop and wall-mounted
- High gain antenna to provide more powerful signal acquisition capability
- Commercial routing operating system
- Support frequency locking, community locking, bridge mode, TR069, DDNS, firewall QoS, traffic statistics and other functions

5G ODU FNB600-01



Product Specification

Cellular Specification		
Product	**FNB600-01**	**FNB600-01 5G Redcap**
Items	**Contents**	
Frequency Band	**5G NR NSA & SA:** n1/n2/n3/n5/n7/n8/n12/n14/n20/n25/n28/n30/n38/n40/n41/n48/n66/n70/n71/n77/n78/n79 **LTE-FDD:** B1/B2/B3/B4/B5/B7/B8/B12/B13/B20/B28/B29/B30/B32/B66/B71 **LTE-TDD:** B34/B38/B39/B40/B41/B42/B43/B46/B48 **LAA:** B46 **WCDMA:** B1/B2/B5/B8	**5G NR:** n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n30/n38/n40/n41/n48/n66/n70/n71/n78/n79 **LTE-FDD:** B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B30/B66/B71 **LTE-TDD:** B34/B38/B39/B40/B41/B42/B43/B48
	Note: Supported bands may vary by region version.	
Theoretical Maximum Bandwidth	**5G Sub-6 SA:** DL: 4.67 Gbps, UL: 1.25 Gbps **5G Sub-6 NSA:** DL: 4.47 Gbps, UL: 730 Mbps **LTE:** DL: 1.6 Gbps, UL: 211 Mbps	**5G Sub-6:** DL: 226Mbps, UL: 123 Mbps **LTE:** DL: 195Mbps, UL: 105 Mbps

Interfaces	
Items	**Contents**
Ethernet (LAN)	1 x 1G Ethernet (RJ45), auto MDI/MDIX
Indicator	Power, Internet, WIFI, 5G/4G, Signal
SIM Card	2 x Nano-SIM interface (1 Main & 1 Backup)
USB	Type C 2.0
Reset Button	Through this button, the parameter configuration can be restored to the factory value

Hardware	
Items	**Contents**
CPU	@880MHz, Dual-core
DDR3	512MB
Flash	128MB

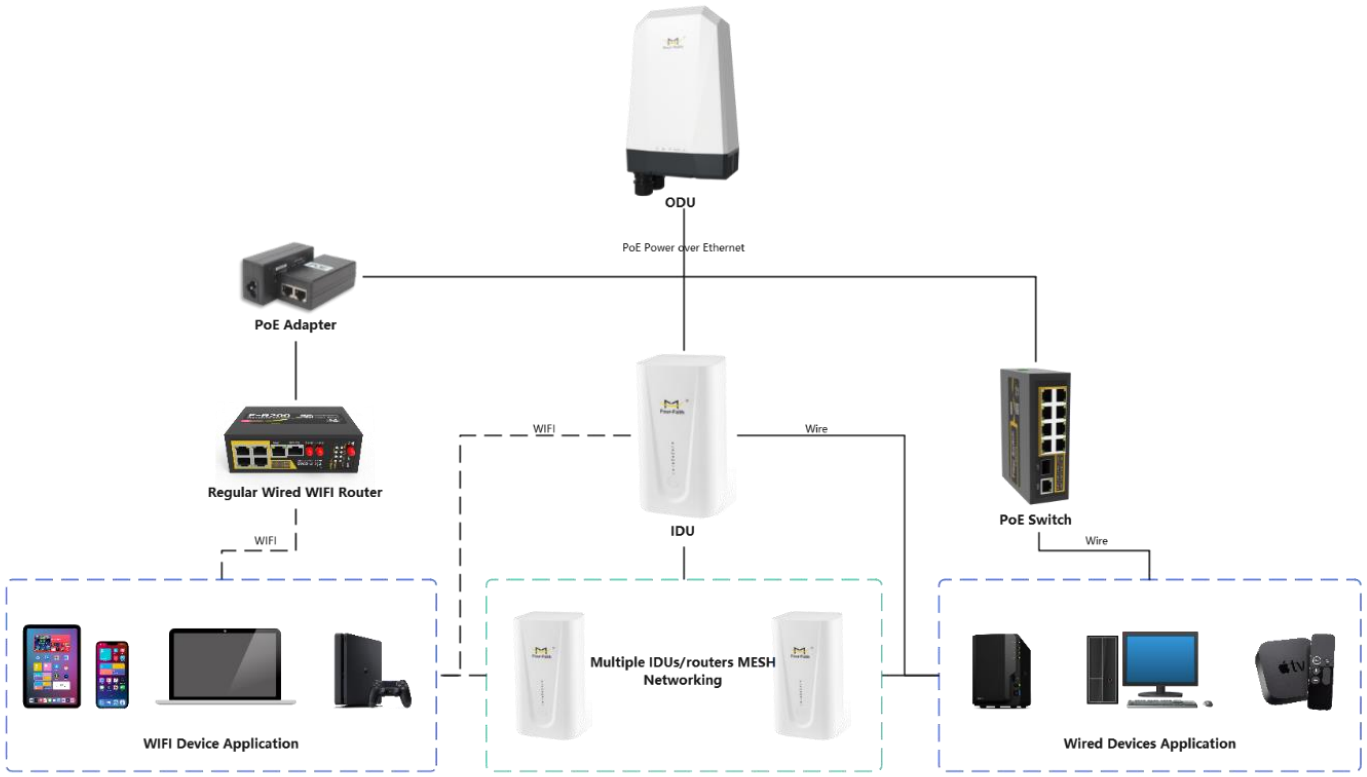
WIFI Specification		
Items	**Contents**	
WIFI Protocol	IEEE802.11 a/b/g/n/ac/ax **(Optional)**	IEEE802.11 b/g/n/d/e/h/i
Frequency	2.4GHz+5GHz	2.4GHz
Theoretical Maximum Bandwidth	2.4GHz 2x2MIMO 11ax,0.573 Gbps 5GHz 2x2MIMO 11ax, 1.2 Gbps **(Optional)**	2.4GHz up to 72.2Mbps
Channel Bandwidth	20MHz, 40MHz, 80MHz	
MESH Network	Support Four-Faith router and CPE to build the MESH network	

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Power Supply		
Product	FNB600-01	FNB600-01 5G Redcap
Items	Contents	
Standard Power Supply	POE: 802.3af/at, DC: 12V 1.5A	
Physical Properties		
Items	Contents	
Shell	PC+ABS Material Cover with Metal Base, IP67* (Device only, test without ethernet cable & power cable. Loose ethernet cables may affect waterproof capacity.)	
Dimensions	150x100x240mm	
Weight	≦1kg	
Operating Temperature	-20~+60℃	
Storage Temperature	-40~+85℃	
Humidity	95% (No-condensing)	

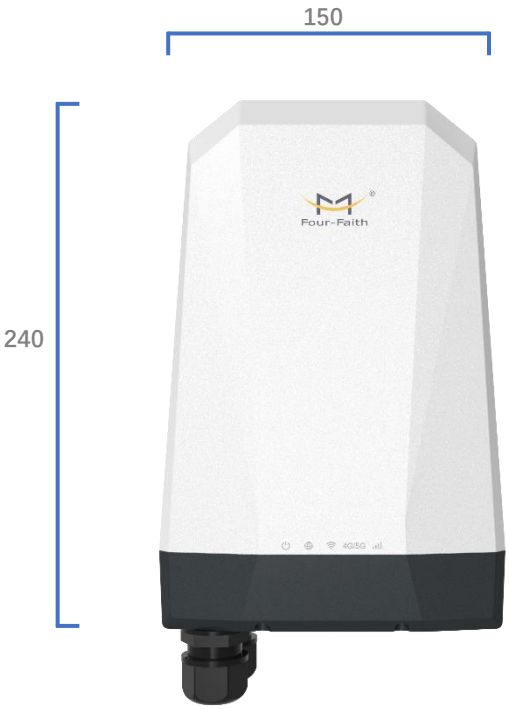
Topology:

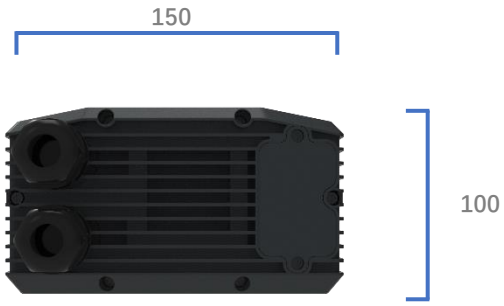


5G ODU FNB600-01



Dimension(mm):





Order Information

Models	Description
FNB600-01	Supports China, Europe Asia, North America, North America, and Global versions, 1 x 1G Ethernet port, Dual Nano SIM
FNB600-01W6	Supports China, Europe Asia, North America, and Global versions, 1 x 1G Ethernet port, Dual Nano SIM， Support WIFI 6