



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

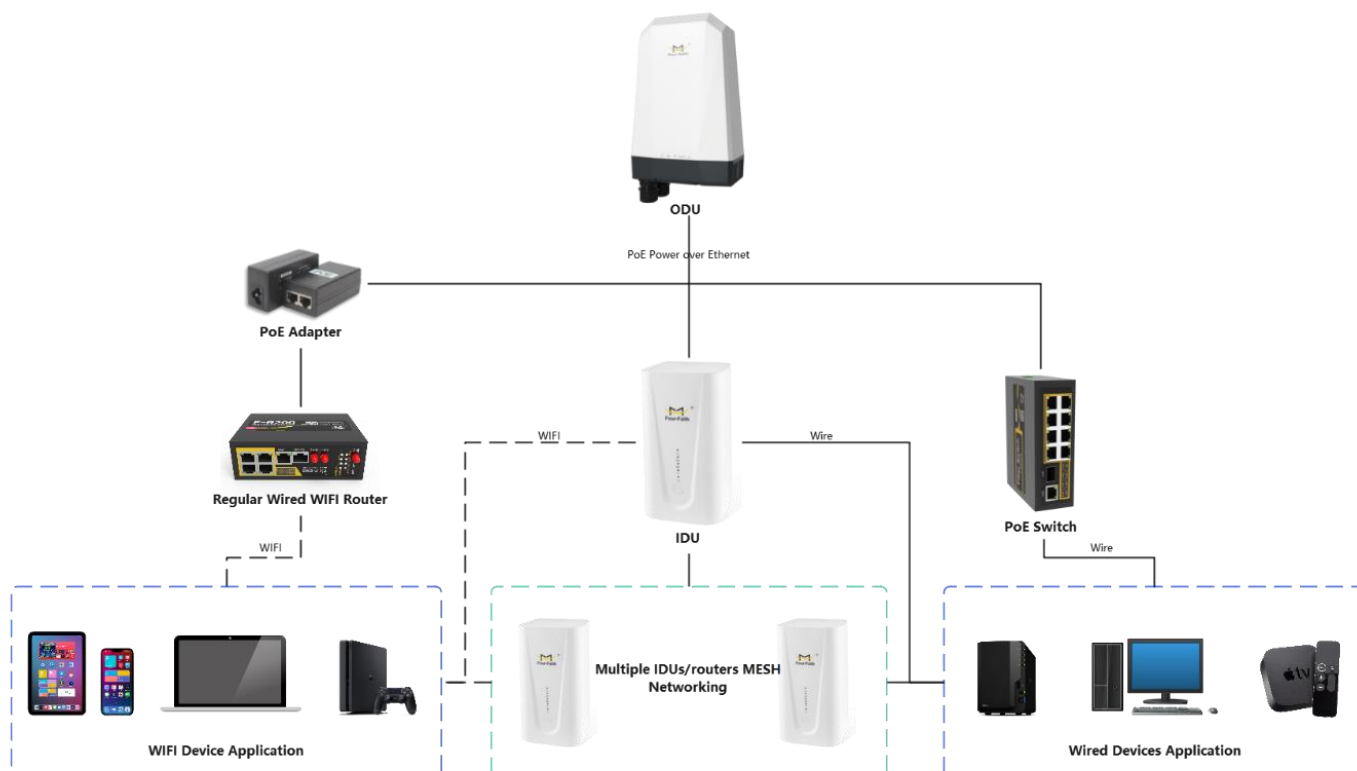
Cellular Specification		
Product	FNB600-01	FNB600-01 5G Redcap
Items	Contents	
Frequency Band	5G NR NSA & SA: n1/n2/n3/n5/n7/n8/n12/n14/n20/n25/n28/n30/n38/ n40/n41/n48/n66/n70/n71/n77/n78/n79 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B20/B28/B29/B3 0/B32/B66/B71 LTE-TDD: B34/B38/B39/B40/B41/B42/B43/B46/B48 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/B1 9/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
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°C	
Storage Temperature	-40~+85°C	
Humidity	95% (No-condensing)	

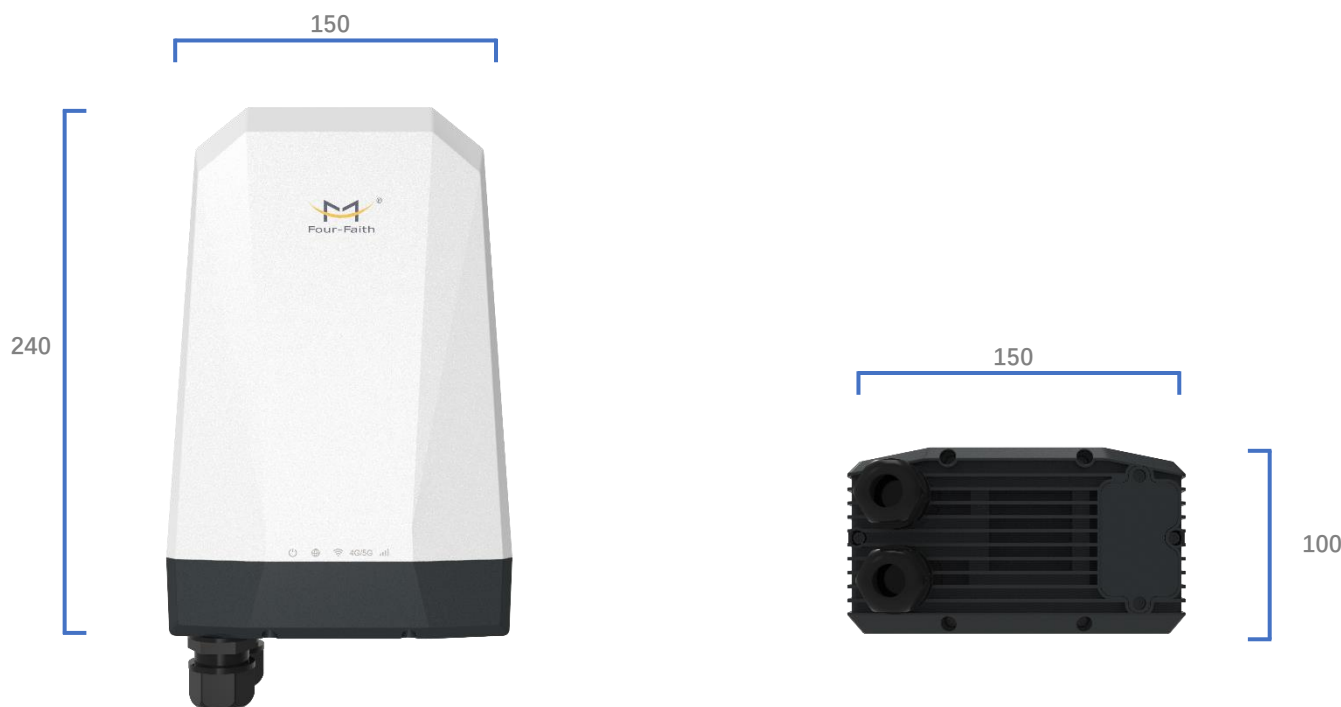
Topology:



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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