



Introduction

It is a high-performance 5G Outdoor Unit / Outdoor CPE, supports NR (SA&NSA), 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

FNB600-01W6



Product Specification

Cellular Specification		
Product	5G	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/N3/N5/N8/N28/N41/N78/N79 LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41
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	Downlink: 226Mbps Uplink: 120Mbps
Note: Supported bands may vary by region version.		
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)	
Frequency	2.4GHz+5GHz	
Theoretical Maximum Bandwidth	2.4GHz 2x2MIMO 11ax, 0.573 Gbps 5GHz 2x2MIMO 11ax, 1.2 Gbps(Optional)	
Channel Bandwidth	20MHz, 40MHz, 80MHz	

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Power Supply		
Product	5G	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, IP68* <small>(Device only, test without ethernet cable & power cable. Loose ethernet cables may affect waterproof capacity.)</small>	
Dimensions	150x100x240mm	
Weight	≦ 1kg	
Operating Temperature	-20~+60°C	
Storage Temperature	-40~+85°C	
Humidity	95% (No-condensing)	

Dimension(mm):

