



Introduction

The FNB500 is an indoor unit (IDU) that comes with various features. It has 1 x 1G LAN port and 1 x 1G LAN/WAN port (POE optional), allowing for wired internet connections. Additionally, it supports 2.4G+5G dual-band WIFI and WIFI6 technology, which enables high-speed WIFI data transmission for nearby internet devices. The FNB500 also supports Mesh networking, providing a wider Wi-Fi coverage area. It is ideal for both home and commercial scenarios, especially when there is a need for quick deployment of wired broadband networks and WIFI hotspots.

Product Specification

Hardware	
Items	Contents
CPU	MTK7621 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
MESH Network	Support FFAIoT router and CPE to build the MESH network
Power Supply	
Items	Contents
Standard Power Supply	DC 48V/1A

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Interfaces	
Items	Contents
LAN 2 / WAN	1 x 1G Ethernet (RJ45), auto MDI/MDIX (POE Optional)
LAN 1	1 x 1G Ethernet (RJ45), auto MDI/MDIX
Telephone	1 x RJ11 (Optional)
Indicator	Signal, 5G, 4G, WIFI, Power
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	ABS Material, IP30
Dimensions	178x99x99mm
Weight	≅ 1kg
Operating Temperature	-20~+60°C
Storage Temperature	-40~+85°C
Humidity	95% (No-condensing)

Dimension (mm)



Order Information

Models	Description
FNB500	2.4G/5G WIFI, Mesh Networking



Indoor Unit FNB500

FNB500-1P

2.4G/5G WIFI, Mesh Networking, POE