

Introduction

F-NR300 V2 is 5G indoor CPE, supports NR (SA&NSA), 5G Redcap, 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		
Product	**F-NR300 V2**	**F-NR300 V2 5G Redcap**
Items	**Contents**	
Frequency Band	**5G NR NSA:** n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/ n48*/n66/n71/n77/n78/n79 **5G NR SA:** n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/ n48*/n66/n71/n77/n78/n79 **LTE-FDD:** B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/ B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 **LTE-TDD:** B34/B38/39/B40/B41/B42/B43/B48 **WCDMA:** B1/B2/B3/B4/B5/B6/B8/B19	**5G NR:** N1/N3/N5/N8/N28/N41/N78/N79 **LTE-FDD:** B1/B3/B5/B8 **LTE-TDD:** B34/B38/B39/B40/B41
	Remarks: Different modules support different network standards	
Theoretical Maximum Bandwidth	**5G Sub-6:** DL: 2.5 Gbps, UL: 600 Mbps **LTE:** DL: 1 Gbps, UL: 200 Mbps	Downlink: 226Mbps Uplink: 120Mbps

5G CPE F-NR300 V2



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 Four-Faith router and CPE to build the MESH network
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	1 x RJ11 (Optional)
Indicator	Signal, 5G, 4G, WIFI, Power
SIM Card	Nano-SIM interface (Compatible with eSIM)
Power	Three-core DC locomotive power socket, built-in power reverse protection
USB	Type C
Reset Button	Through this button, the parameter configuration can be restored to the factory value
Physical Properties	
Items	Contents
Shell	ABS Material
Dimensions	178x99x99mm
Weight	638g
Operating Temperature	-20~+60℃
Storage Temperature	-40~+85℃
Humidity	95% (No-condensing)

5G CPE F-NR300 V2



Dimension (mm)



Order Information

Models	Description
F-NR300 V2	Cellular (5G NR), 2.4G/5G WIFI, SIM*1