



ASKEY-NCM1120D2

5G NR Home Router

Askey NCM1120D2 is a new 5G NR Fixed Wireless Access (FWA) Home Router with MediaTek solution, providing 5G NR Sub-6/LTE internet access and dual-band Wi-Fi 7 4x4 MIMO network. It not only adopts more high-end technology by MediaTek T830 SoC and Wi-Fi platforms, but also can be equipped with two external antennas to provide better 5G/LTE coverage and performance (optional).

Other than the wireless link, NCM1120D2 supports Giga-bit Ethernet connection flexibly, up to four 1GbE LAN ports. It boosts the speed and capacity coupled with FWA-specific optimization taking performance to the next level. Also, by the wired network connection, it provides more security for your cyber premises with care-free hacking.

As an option, NCM1120D2 provides VoLTE/VoNR service via RJ11 port, ideally for connecting remote or underserved locations where running cables would prove too costly. It ideally supports the TR069 remote management feature by the Operator's requirement for time and cost saving as well.

Mesh Network and Topology | Dual-Band | Easy Pairing

Hardware

- Modem Chip MediaTek T830
- Interfaces
 - 4 x GbE Ports
 - 1 x SIM Slot 4FF (eSIM option)
 - 1 x Voice RJ-11 VoNR/VoLTE (option)
- Buttons: Power/WPS, Reset PIN
- 4 x LEDs: 5G, 4G, Wi-Fi, System
- DC Input: 12V/2.5A

LTE & 5G NR, Wi-Fi

- 3GPP Release 16
- LTE Category DL Cat-19/ UL Cat-18
- LTE and 5G NR Sub-6 Bands
- NRCA up to DL 4CA/UL 2CA
- LTE and 5G NR EN-DC
- MIMO DL 4x4, UL 2x2 (TDD only)
- Modulation up to DL 256 QAM/UL 256 QAM
- Duplex mode FDD, TDD
- SRS antenna switch function (TDD only)
- Wi-Fi 7 2.4GHz, 5GHz dual-band concurrent, MIMO 4x4
- Easy Mesh

Software

- Local Web GUI Management
- IPv4/IPv6/IPv4v6
- FOTA
- SIM/APN Management
- TR069/TR181
- Support Mobile APP for Provisioning

Dimension

- 95.6 x 132.8 x 200.2 (WxDxH, mm)

Environmental

- Operating Temperature:
0°C – 40°C
- Operating Humidity:
5%~90% non-condensing



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