



NUQ3000M / NUQ2000M

## 5G NR ODU

Askey NUQ3000M and NUQ2000M (EMEA) 5G NR ODU are a series of high-performance fixed wireless access (FWA) points that deliver ultra-fast broadband access with mmWave and Sub-6 5G NR support. Designed for enterprise, industrial, and residential applications, these devices ensure seamless connectivity in even the most demanding environments with support for 5G NR, 4G LTE and up to Cat.20 to achieve top-performing gigabit speed access.

Askey delivers cutting-edge technology that enhances network performance, scalability, and reliability. As a cost-effective part of Askey's end-to-end 5G portfolio, and an alternative to fiber for high-speed access, the 5G NR ODU is engineered to meet the outdoor demands of modern enterprises and service providers, ensuring seamless connectivity wherever it's deployed.

Powered by the Qualcomm® SDX65 (NUQ2000M-SDX62) for outstanding performance, the ease of Power over Ethernet (POE) and mounting options for Pole / Wall / Window / Desk Stand, this economical part of Askey's end-to-end 5G portfolio enables high-speed 5G technology for enterprise, industrial, Smart City and IoT access.

Askey helps you **evolve** your business to meet today's market speed and demands, backed by our market **knowledge** to make you **stronger**.

For more information, please visit [Askey/5G FWA](#)

## Chipset and System

- Modem Chip:  
NUQ3000M: Qualcomm® SDX65  
NUQ2000M: Qualcomm® SDX62 (EMEA)  
mmW (PC3): QTM545
- Band
  - 3GPP Release 16
  - Sub-6 support NR CA, F+T, F+F, T+T
  - mmW support NSA mode-NUQ3000M
  - mmW support NSA mode as max.  
4CC DL-NUQ2000M
  - FR1 + FR2 Dual Connectivity
  - LTE DL Cat. 20
  - LTE & 5G NR EN\_DC
  - NUQ2000M (EMEA)
    - > LTE Band:  
B1,B3,B5,B7,B8,B18,B19,B20,  
B26,B28,B32,B38,B39,B40,B41,  
B42,B43,B46
    - > 5G Band:  
n1,n3,n5,n7,n8,n20,n28,n38,  
n40,n41,n77,n78,n257,258
  - NUQ3000M
    - > LTE Band:  
B1,B2,B3,B4,B5,B7,B8,B12,B13,  
B14,B17,B18,B19,B20,B25,B26,  
B28,B29,B30,B32,B34,B38,B39,  
B40,B41,B42,B43,B46,B48,B66,  
B71
    - > 5G Band:  
n1,n2,n3,n5,n7,n8,n12,n20,n25,  
n28,n38,n40,n41,n48,n66,n71,  
n77,n78,n79,n257,258,n260,  
n261

## Environmental

- Sealing:  
IP67
- Operating Temperature:  
-40°C~ 55°C

## Dimensions

- 100 x 170 x 36.95 (WxHxD, mm)

## Interfaces

- Ethernet: 5Gbps
- Power: PoE PD with PoE injector (30W)
- Indicators: Signal Bar (blue/green dual color)
- SIM: nano SIM / [optional] eSIM
- Reset Button
- GPS
- BLE 4.0 for Self-installation with Mobile App

## Features

- mmWave (26 ~ 28GHz, 39GHz) and Sub-6 5G NR
- NSA & SA dual-mode compatibility ①
- Qualcomm SDX6x chipset
- Gigabit-speed access with 5Gbps Ethernet
- PoE PD support
- Nano SIM (4FF) & eSIM option
- IP-rated waterproof enclosure

## Box Contents

- NUQ000M
- PoE Injector
- Power Cord
- Flat Ethernet Cable with waterproof connector
- Ethernet Cable
- Screws
- Pole Mounting kit (optional)

## Enterprise Use Cases

- Smart City
- Manufacturing / Warehouse
- Remote/Rural Broadband
- Fixed Wireless Access (FWA)

## Model Numbers (SKU)

- Model Name: NUQ3000M
- Model Name: NUQ2000M



① mmWave: supports NSA only, SA not supported