

Nybsys PCN100 5G Starter Kit

Product Overview

The PCN100 Starter Kit is a comprehensive and versatile educational tool. It provides hands-on experience and understanding of Fifth Generation (5G) wireless technology.

It offers a complete package for learning, testing, and experimenting with 5G networks in various commercial, educational, and research settings. Mobile Network Operators (MNOs) can buy the unit to experiment with Femtocell deployment.

PCN100 consists of an n78 integrated small cell, 5 preprogrammed SIM cards, and 2 User Equipment (UE) for the testing the 5G network.

The cell instantly connects to Nybsys cloud packet core to grant you speedy access to private 5G within minutes. Additionally, you can enjoy complimentary access to Nybcell Admin Console for device management, complete with a three-month subscription.

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STARTER-KIT

Key Features

- **Realistic Simulation:** PCN100 offers a true-to-life simulation of 5G networks. It allows users to grasp concepts and scenarios as they would occur in real-world deployments.
- **Modular Design:** The modular architecture enables customization and scalability. It makes the product suitable for various use cases.
- **Frequency Bands:** The Starter Kit covers a selection of popular 5G frequency bands (n48, n78, and n79). Users can explore different frequency scenarios and their impacts on network performance.
- **Base stations:** Customers can pick base stations from Nybsy's portfolio of base stations. Base station details can be found at <https://nybsys.com/wireless/5g/ran/>. The NanoLink 2350 is a dual-band radio with double-capacity deployment.
- **Flexible Deployment:** All components are ready for indoor deployment only. No professional installation expertise is required on the indoor radios.
- **User-Friendly Interface:** The PCN Starter Kit has an intuitive user interface. It simplifies the configuration of network parameters, making it accessible to beginners and advanced users. Nybsys also offers free 3-month subscriptions to own Cloud Core. The local core is also available for purchase.
- **Comprehensive Resources:** A rich set of educational resources, including manuals, tutorials, and example projects, helps users quickly understand 5G technology and its practical applications.

- ## Applications

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Appearance



1. PCN Starter Kit Hardware Unit
2. Indoor Radio with mounting brackets
3. User Manual and Documentation
4. Power Adapter
5. Ethernet Cable
6. Cellular Telephones
7. GPS Antenna
8. Five pre-programmed SIM cards

System Requirements

- Get Started with 5G Technology:** Unlock the potential of 5G technology with the PCN Starter Kit. Whether you're a student, researcher, or telecommunications enthusiast, the PCN Starter kit provides a dynamic platform to explore, learn, and innovate within wireless communication.

Note: Specifications and features are subject to change without notice as part of our ongoing commitment to product improvement.