

HawkSpid5G Network In a Box

All in-one solution with Integrated 5G SA Core and 5G RAN

Overview

Spectrum's HawkSpid 5G Network-in-a-Box (NIAB) is an all-in-one, ready-to-deploy solution that comes pre-integrated with a fully-loaded 5G SA Core and 5G RAN. It is a compact, portable solution and can have an end-to-end 5G network up and running in no time, owing to its 3GPP-compliant implementation. The NIAB has an intuitive and comprehensive user interface, making it easy to manage and operate. It supports different deployment modes and multiple frequency bands, making it suitable for various use cases in testing and simulation.



Highlights



All-In-One Pre-integrated
with a fully functional
5G Core + 5G RAN solution



Flexible
Configurable
Band Support Configurable
Deployment Modes
(Full 5G mode/
gNodeB only Mode)



Zero Infrastructure
Does not require any
existing infrastructure



GUI-Based Interface
Intuitive & interactive
user interface



Portable
Ideal for creating
networks-on-the-go



Cost-Effective
Minimal deployment
cost



Out-of-the-box
Plug & play



Standards-Based
3GPP compliant 5G Core
and RAN solutions



Commercial UE Support
Interoperates with popular
UE models based on Qualcomm chipsets

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Key Specifications

Available Technologies	5G SA
Cellular Frequency Bands	Supports any band upto 6GHz
Standards	3GPP Rel 15 (3GPP Rel 16 in Roadmap)
Antenna Location	External SMA Connector
Power Consumption	<150W
Power Supply	AC/DC - 12V
Operating Temperature	-10°C to 40°C
Maximum Users	8
Maximum EIRP Spatial	10 dBm
Multiplexing Channel	SISO/ MIMO
Bandwidth Duplex	40 MHz TDD
Method	