

# EtherScope® nXG Portable Network Expert Model Comparison

The EtherScope nXG is a multi-technology, all-in-one handheld network analyzer that enables engineers and technicians to get more done faster, and with the release of the EXG-300 model new Wi-Fi 6/6E functionality was introduced, including:

- **Native Wi-Fi 6 and 6 GHz band support**
- **WPA3 and OWE support**
- **2.4GHz and 5.0GHz band spectrum analysis** with the optional NXT Portable Spectrum Analyzer



*Now with  
Wi-Fi 6/6E!*

Here is how the new model compares to the EXG-200:



## Product Comparison Chart

Features	EXG-300	EXG-200
802.11 a/b/g/n/ac	•	•
Wi-Fi 6 (802.11 ax)	•	Control and Management Frame visibility only
Wi-Fi Surveys with AirMapper	•	•
Bluetooth/BLE Surveys with AirMapper	•	•
Wi-Fi Bands (2.4, 5, 6GHz)	Tri-Band	Dual-Band Only
2.4GHz and 5GHz Spectrum Analysis (using NXT Portable Spectrum Analyzer)	•	•
WPA3 and OWE Authentication	•	
Wi-Fi Analysis (Device Details and Statistics, Channel Map, Overlap)	Tri-Band	Dual-Band Only
Multi-BSSIDs, Reduced Neighbor Reports (RNR), and Preferred Scanning Channels (PSC) support	•	RNR Only
Wi-Fi Packet Captures (Control, Data, and Management frames)	Up to 802.11ax Data Frames	Up to 802.11ac Data Frames
802.11 Utilization	Up to 802.11ax Data Frames	Up to 802.11ac Data Frames
Non-802.11 Utilization	•	•
Wi-Fi Connection and Roaming Tests	Up to 802.11ax Data Rates	Up to 802.11ac Data Rates
AP and Client Locate	•	•
Integrated Wi-Fi & Wired Discovery	•	•

## Product Comparison Chart

Features	EXG-300	EXG-200
Executes AutoTest Profile for Multiple VLANs and Wi-Fi SSIDs	•	•
Copper and Fiber NBASE-T Multi-Gig & 1G/10G Ethernet Support	•	•
90W TruePower™ Loaded PoE Test (PoE Class 0-8)	•	•
Cable Tests, Wiremap, and Toner	•	•
10G Line-rate Performance Test	•	•
LANBERT Media Qualification	•	•
iPerf Performance Test	•	•
Network Path Analysis	•	•
Line-Rate Packet Captures (wired Ethernet)	•	•
Execute 3rd Party Android Apps	•	•
Link-Live Cloud Service for result Storage & Analysis	•	•
Network Topology Mapping	via Link-Live™	via Link-Live™
Remote Control/ Troubleshooting	via Link-Live™	via Link-Live™
AllyCare Premium Support (one year)	Included	Optional

## Premium Customer Services



AllyCare is a comprehensive support and maintenance service for NetAlly's Network Tools and AirMagnet® software that offers significant value over standard warranty. Membership of AllyCare can be purchased as either a 1-year membership or the value-added 3-year membership rate.

[support.netally.com](https://support.netally.com)