Product Fact Sheet
# Keysight PNA-B Series Microwave Network Analyzers

## Reach for unrivaled excellence

When you're characterizing active devices, the right mix of speed and performance gives you an edge. Get high performance network analysis with a more-intuitive graphical user interface and increase the quality of your measurements with value-added software applications.



Deep application and measurement expertise in network analyzer measurements
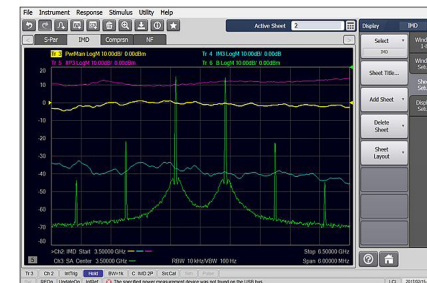
## Exceptional results in less time

– Same excellent RF hardware and performance as A models
– Widescreen (12.1") multi-touch display
– New simplified and intuitive user interface
– Converged VNA software for ENA, PNA, and modular

## Optimize your software-applications investment with a variety of flexible licensing types throughout all PNA Series models

– New software-application license structure
– Former software options now have model numbers (e.g. Option 010 → S93010A)
– Order with instrument or add later
– Transportable and time-based (1 year) licenses available

## User-Interface Enhancements

– Simplified hard-key and pull-down-menu groupings
– Tabbed softkeys for better organization of items
– Touch and hold screen for right mouse click choices
– Multi-touch scale zooms
– Tools (shortcut icons)
– Sheets (setup tabs)
– More complete status bar





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# PNA-B Models Include PNA-X, PNA and PNA-L Series

## PNA-X Series

N5249B 10 MHz to 8.5 GHz
N5241B 10 MHz to 13.5 GHz
N5242B 10 MHz to 26.5 GHz
N5244B 10 MHz to 43.5 GHz
N5245B 10 MHz to 50 GHz
N5247B 10 MHz to 67 GHz

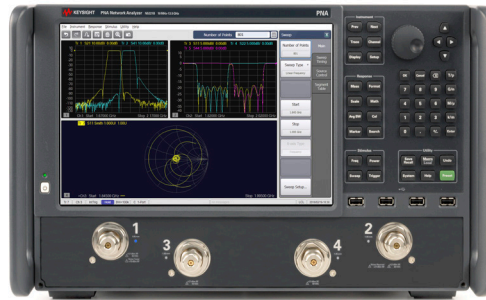| PNA-B Models | PNA-A Models |
|---|---|
| 12.1" large LCD | 10.4" LCD |
| New, advanced and intuitive GUI | Simple GUI |
| Four license types available through Keysight Software Manager | Fixed-perpetual licenses only for software applications |
| Common VNA software platform (compatible with ENAs) | PNA unique software platform |
| Quad Core I7 CPU (2.2 GHz) | 2.2 GHz CPU |
| Lowest frequency down to 900 Hz for 4 models of PNA and PNA-X | Lower frequency 10 MHz (PNA, PNA-X) |

## PNA Series

N5221B 10 MHz to 13.5 GHz
N5222B 10 MHz to 26.5 GHz
N5224B 10 MHz to 43.5 GHz
N5225B 10 MHz to 50 GHz
N5227B 10 MHz to 67 GHz
N5264B Antenna receiver

## PNA A Series to B Series upgrade information

– Minimum upgrade includes new hard drive, front-panel assembly, and outer parts with new color scheme (cover, handles, straps, feet)
– Units older than a couple of years may need additional hardware replacement (e.g. CPU, DSP, synthesizer assemblies)
– Option H29 (26.5 GHz noise hardware in a 50 GHz PNA-X) must be upgraded to new noise hardware

## PNA-L Series

N5239B 300 kHz to 8.5 GHz
N5231B 300 kHz to 13.5 GHz
N5232B 300 kHz to 20 GHz
N5234B 10 MHz to 43.5 GHz
N5235B 10 MHz to 50 GHz

For more information go to www.keysight.com/find/PNA

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