Keysight Streamline Series P9370A & P9371A USB Vector Network Analyzer

Compact Form. Zero compromise.

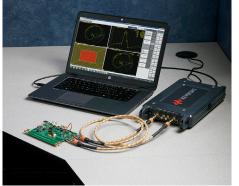## Exceptional Performance in a Small Package

The P937xA series, Keysight's first compact vector network analyzer (VNA), is an affordable full two-port VNA which dramatically reduces your size of test. The VNA is packaged in a compact chassis and controlled from an external computer with powerful processing capabilities.

– Compact VNA for easy sharing between test locations
– Ability to extend the number of test ports
– Utilizes the same measurement science with the trusted Keysight VNAs
– Support of all Keysight Electronic Calibration (ECal) Modules for quick, easy and accurate calibration
– Uncompromised RF performance in a compact package:
  – Wide dynamic range: > 115 dB at 6.5 GHz (10 Hz IFBW)
  – Low trace noise: < 0.003 dB_{rms} (1 kHz IFBW)
  – High temperature stability: 0.005 dB/degree C up to 4.5 GHz

Key specifications

Product	Description
Frequency	300 kHz to 4.5 GHz (P9370A), 300 kHz to 6.5 GHz (P9371A)
Test port	2-port, S-parameter, 50 Ω, 3.5 mm connectors (4-port VNA can be configured with cascaded two instruments.)
Analysis	Automatic fixture removal, time domain analysis, scalar calibrated mixer/converter measurements, multiport calibrated measurements, mixed-mode S-parameters
Dimension (H x W x D)	48 x 176 x 333 mm
Weight	1.90 kg (4.20 lbs)
Supported calibration kits	All Keysight mechanical cal kits and ECal modules

Share the compact VNA between your different test stations.

N755X Series Economy ECal modules for fast and easy calibration at an attractive price point.

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Configuration

Model	Description
Frequency models	
P9370A	2-port USB vector network analyzer, 300 kHz to 4.5 GHz
P9371A	2-port USB vector network analyzer, 300 kHz to 6.5 GHz
Software applications[1]	
S97007A	Automatic fixture removal
S97010A	Time domain analysis
S97082A	Scalar calibrated mixer and converter measurements
S97551A	N-port (multiport) calibrated measurements[2]

1. Software applications are available for both P9370A and P9371A with two license options - Fixed, perpetual license (option 1FP), fixed, 1-year time-based license (option 1FL).
2. The software enables a full featured four-port vector network analyzer, when two P937xA modules are cascaded.

PC Requirements

PC Requirement	
Operating systems	Windows 7 or Windows 10 (64 bit)
Processor speed	Intel i5 6th Generation or newer/Intel Xeon E3 v3 or newer
Available memory	4 GB minimum, 16 GB recommended
Available disk space	2 GB available drive space minimum
Display resolution	1024 X 768 minimum
Connection	USB 3.0 port directly connected to Intel chipset

Configuration

Model	Description
Electronic Calibration (ECal) module	
85091C	RF ECal module, 300 kHz to 9 GHz, 7 mm, 2-port
85092C	RF ECal module, 300 kHz to 9 GHz, Type-N or mixed connectors, 2-port
85093C	RF ECal module, 300 kHz to 9 GHz, 3.5 mm or mixed connectors, 2-port
85098C	RF ECal module, 300 kHz to 7.5 GHz, 7-16 or mixed connectors, 2-port
N7550A	Economy ECal module, DC to 4 GHz, Type-N or 3.5 mm, 2-port
N7551A	Economy ECal module, DC to 6.5 GHz, Type-N or 3.5 mm,2-port
Mechanical calibration kit	
85032F	Standard mechanical calibration kit, DC to 9 GHz, Type-N
85033E	Standard mechanical calibration kit, DC to 9 GHz, 3.5 mm
85052D	Economy mechanical calibration kit, DC to 26.5 GHz, 3.5 mm
85054D	Economy mechanical calibration kit, DC to 18 GHz, Type-N
Accessories	
Y1701A	Interconnect cables and latch kit for multiple USB instruments configurations (Add Option 001 and 101 for connecting 2 P937xA to configure a 4-port analyzer)
Y1710A	Hard transit case for P9xxxA USB instruments

For additional information, please go to:

P937xA USB VNA	www.keysight.com/find/P9370A
	www.keysight.com/find/P9371A
Keysight Network Analyzer	www.keysight.com/find/na
Keysight ECal page	www.keysight.com/find/ecal

Keysight Assurance Plans
www.keysight.com/find/AssurancePlans
Up to ten years of protection and no budgetary surprises to ensure your instruments are operating to specification, so you can rely on accurate measurements.

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