



# Bundle Your Bundles

Gear up for all your application needs with a limited time offer on hardware + software bundles

Save up to 30%

# Why Bundle?

Keysight offers preconfigured Good-Better-Best (GBB) hardware bundles to help you make measurements faster without impacting your budget. There are pre-defined and flexible application software bundles available to enable your test equipment to keep up with evolving modern wireless technologies.

Can you have the best of both worlds? Yes -- Bundle Your Bundles (BYB) and complete your solution!



Take advantage of savings from both GBB hardware bundles and application software bundles for signal analyzers, signal generators and network analyzers. These optimized hardware and application software bundles save you time and money and let you quickly configure your Keysight test equipment to its full potential. This leaves you more time for development to get your product to market quickly.

## BYB Signal Analyzers

### GBB N9020B/N9010B + X-Apps pick 3 N9089BAXE

#### GBB eligible hardware models

Model	Description
N9010B-030	Good Value Bundle Includes Option 503, P03, FSA, PFR and EA3
N9010B-260	Good Value Bundle Includes Option 526, P26, FSA, PFR and EA3
N9010B-440	Good Value Bundle Includes Option 544, P44, FSA, PFR and EA3
N9020B-081	Better Value Bundle Includes Option 508, P08, PFR and EA3
N9020B-131	Better Value Bundle Includes Option 513, P13, PFR and EA3
N9020B-261	Better Value Bundle Includes Option 526, P26, PFR and EA3
N9020B-082	Best Value Bundle Includes Option 508, P08, PFR, EA3, B1X and MPB
N9020B-132	Best Value Bundle Includes Option 513, P13, PFR, EA3, B1X and MPB
N9020B-262	Best Value Bundle Includes Option 526, P26, PFR, EA3, B1X and MPB

#### Eligible X-Apps pick any 3 flexible bundles

Description	X-Apps model
EMI Measurement Application	E6141EM0E
VMA Vector Modulation Analysis Measurement Application	E9054EM0E
Vector Modulation Analysis Custom OFDM Application	E9054EM1E
Power Amplifier Measurement Application	E9055EM0E
Channel Quality/Group Delay Measurement Application	E9056EM0E
Remote Language Compatibility Measurement Application	E9061EM0E
SCPI Language Compatibility Measurement Application	E9062EM0E
Analog Demodulation Measurement Application	E9063EM0E

Description	X-Apps model
Pulse Analysis Measurement Application	E9067EM0E
Phase Noise Measurement Application	E9068EM0E
Noise Figure Measurement Application	E9069EM0E
GSM/EDGE/Evo Measurement Application	E9071EM0E
cdma2000 measurement application, remote control only	E9072EM0E
W-CDMA/HSPA+ Measurement Application	E9073EM0E
1xEV-DO measurement application, remote control only	E9076EM0E
WLAN 802.11a/b/g/j/p/n/af/ah Measurement Application	E9077EM0E
WLAN 802.11ac/ax Measurement Application	E9077EM1E
WLAN 802.11be Measurement Application	E9077EM2E
TD-SCDMA measurement application, remote control only	E9079EM0E
LTE and LTE-Advanced FDD Measurement Application	E9080EM0E
NB-IoT and eMTC FDD Measurement Application	E9080EM3E
LTE V2X measurement application	E9080EM4E
Bluetooth (TM) Measurement Application	E9081EM0E
LTE and LTE-Advanced TDD Measurement Application	E9082EM0E
Multi-Standard Radio (MSR) Measurement Application	E9083EM0E
Short Range Com and IoT Measurement Application	E9084EM0E
5G NR Measurement Application	E9085EM0E

## Pro tips

If you are doing...	Here's your pick for greater savings Hardware bundle +		Software bundle
EMI pre-compliance and digital demodulation application	N9010B	-030 <b>Good</b> Value Bundle -260 <b>Good</b> Value Bundle -440 <b>Good</b> Value Bundle	E6141EM0E EMI E9054EM1E VMA Vector Modulation Analysis E9054EM1E Vector Modulation Analysis Custom OFDM
General purpose application	N9020B	-081 <b>Better</b> Value Bundle -131 <b>Better</b> Value Bundle -261 <b>Better</b> Value Bundle	E9063EM0E Analog Demodulation E9068EM0E Phase Noise Measurement App E9069EM0E Noise Figure
Cellular application for manufacturing	N9020B	-082 <b>Best</b> Value Bundle	E9071EM0E GSM/EDGE/Evo E9073EM0E W-CDMA/HSPA+ E9080EM0E LTE and LTE-Advanced FDD

# BYB Signal Generators

## GBB N5182B/N5172B + Signal Studio Pick 3 N7689EAXC

### GBB eligible hardware models

#### N5182B



Model	Description
N5172B-010	Good Value Bundle Discount: Includes options 503 or 506, 653, 099, UNT, 221
N5172B-020	Better Value Bundle Discount: Includes options 503 or 506, 653, 655, 099, 1EA, UNT, 221, 021
N5172B-030	Best Value Bundle Discount: Includes option 506, 653, 655, 657, 099, 1EA, UNT, 221, 022, FRQ, UNV
N5182B-010	Good Value Bundle Discount: Includes options 503 or 506, 656, 099, UNT, 221
N5182B-020	Better Value Bundle Discount: Includes options 503 or 506, 656, 657, 099, 1EA, UNT, 221, 022
N5182B-030	Best Value Bundle Discount: Includes option 506, 656, 657, 099, 1EA, UNT, 221, 023, FRQ, UNV

### Eligible Signal Studio pick any 3 models

Description	Signal Studio models
W-CDMA/HSPA+, waveform playback	N7600EMBC
cdma2000/1xEV-DO, waveform playback	N7601EMBC
GSM/EDGE/Evo, waveform playback	N7602EMBC
Real-time fading, waveform playback	N7605EMBC
Bluetooth, waveform playback	N7606EMBC
DFS Radar Profiles, waveform playback	N7607EMBC
Custom Modulation, waveform playback	N7608EMBC
GNSS, waveform playback	N7609EMBC
IoT, waveform playback	N7610EMBC
Broadcast radio, waveform playback	N7611EMBC
TD-SCDMA/HSPA, waveform playback	N7612EMBC
Power amplifier test, waveform playback	N7614EMBC
Mobile WiMax, waveform playback	N7615EMBC
WLAN 802.11, waveform playback	N7617EMBC
Digital video, waveform playback	N7623EMBC
LTE/LTE-A/LTE-A Pro FDD, waveform playback	N7624EMBC
LTE/LTE-A TDD, waveform playback	N7625EMBC

Description	Signal Studio models
V2X, waveform playback	N7626EMBC
Pre-5G, waveform playback	N7630EMBC
5G NR, waveform playback	N7631EMBC
LMR, waveform playback	N7640EMBC

## Pro Tips

If you are doing...	Here's your pick for greater savings		Software bundle
	Hardware bundle +		
General-purpose signal generation	N5172B-010	<b>Good</b> Value Bundle	N7605EMBC Real-time fading
	N5182B-010	<b>Good</b> Value Bundle	N7608EMBC Custom modulation
Wireless connectivity application	N5172B-020	<b>Better</b> Value Bundle	N7614EMBC Power amplifier test
	N5182B-020	<b>Better</b> Value Bundle	N7606EMBC Bluetooth
	N5172B-030	<b>Best</b> Value Bundle	N7610EMBC IoT
Cellular communications application	N5182B-030	<b>Best</b> Value Bundle	N7615EMBC Mobile WiMax
			N7624EMBC LTE/LTE-A/LTE-A Pro FDD
			N7625EMBC LTE/LTE-A TDD
			N7631EMBC 5G NR

# BYB Network Analyzers

## GBB ENA + application software pick 1

Drive down the cost of test with your preferred **ENA Vector Network Analyzers**

Pick the right mix of hardware and application software that gives you an edge. Hardware and software bundles offer affordable measurement integrity to help you transform a deeper understanding into a better design.

### Eligible hardware

#### ENA (E5080B)



#### Steamline (P50xxA/B)



#### PXI VNAs (M980xA)



#### Eligible software – S96SWBDB

#### Software product no.

Automatic Fixture Removal	S96007B
Time Domain Analysis	S96010B
Enhanced Time Domain Analysis with TDR	S96011B
Real-time S-Parameter and power measurement uncertainty	S96015B
Basic Pulsed-RF Measurements	S96025B
Noise Figure Measurements with Vector Correction	S96029B
Impedance Analysis	S96041B
Scalar Mixer/Converter Measurements	S96082B
Vector and Scalar Mixer/Converter Measurements	S96083B
Embedded LO Capability	S96084B
Gain-Compression Measurements	S96086B
Intermodulation Distortion Measurements	S96087B
Source Phase Control	S96088B
Differential and I/Q Device Measurements	S96089B
Spectrum Analysis	S96090B
True-Mode Stimulus	S96460B
Multiport calibration assistant	S96552B

## Streamline Series VNA application software

Eligible application software – S96SWBDB	Software product no.
Automatic Fixture Removal	S97007B
Time Domain Analysis	S97010B
Enhanced Time Domain Analysis with TDR	S97011B
Real-time S-Parameter and power measurement uncertainty	S97015B
Basic pulsed-RF measurements lite, up to 20 GHz	S970240B
Basic pulsed-RF measurements lite, up to 53 GHz	S970241B
Basic Pulsed-RF Measurements Lite	S97024xB
Basic pulsed-RF measurements, up to 20 GHz	S970250B
Basic pulsed-RF measurements, up to 53 GHz	S970251B
Basic Pulsed-RF Measurements	S97025B
Noise Figure Measurements with Vector Correction	S97029B
Scalar Mixer/Converter Measurements	S97082B
Vector and Scalar Mixer/Converter Measurements	S97083B
Embedded LO Capability	S97084B
Gain-Compression Measurements	S97086B
Intermodulation Distortion Measurements	S97087B
Source Phase Control	S97088B
Differential and I/Q Device Measurements	S97089B
Spectrum Analysis, up to 4.5 GHz	S970900B
Spectrum Analysis, up to 6.5 GHz	S970901B
Spectrum Analysis, up to 9 GHz	S970902B
Spectrum Analysis, up to 14 GHz	S970903B
Spectrum Analysis, up to 20 GHz	S970904B
Spectrum Analysis, up to 26.5 GHz	S970905B
Spectrum Analysis, up to 32 GHz	S970906B
Spectrum Analysis, up to 44 GHz	S970907B
Spectrum Analysis, up to 54 GHz	S970908B
Spectrum Analysis	S97090B
True-Mode Stimulus	S97460B
Multiple module/instruments measurements	S97551B
Multiport calibration assistant	S97552B
Multiport calibrated measurements with switch instruments	S97553B
Operation with N5252AW VDI frequency extenders	S97560B

## PXI VNA application software

Eligible software – S95SWBDB	Software product no.
Automatic Fixture Removal	S95007B
Time Domain Analysis	S95010B
Enhanced Time Domain Analysis with TDR	S95011B
Real-time S-Parameter and power measurement uncertainty	S95015B
Basic Pulsed-RF Measurements Lite	S95024B
Basic Pulsed-RF Measurements	S95025B
Mechanical noise tuner control	S95027B
Noise Figure Measurements with Vector Correction	S95029B
Modulation Distortion	S95070B
Scalar Mixer/Converter Measurements	S95082B
Vector and Scalar Mixer/Converter Measurements	S95083B
Embedded LO Capability	S95084B
Gain-Compression Measurements	S95086B
Intermodulation Distortion Measurements	S95087B
Source Phase Control	S95088B
Differential and I/Q Device Measurements	S95089B
Spectrum Analysis	S95090B
True-Mode Stimulus	S95460B
Multiple module/instruments measurements	S95551B
Multiport calibration assistant	S95552B
Multiport calibrated measurements with switch instruments	S95553B
Operation with N5252AW VDI frequency extenders	S95560B



## For more information

Hardware and software bundles



## Contact your Keysight Sales Representative for more information and a quote.

- No Promo Code required.
- All products must be on the same quote.
- Not all options are eligible.
- This applies when instruments from at least two different product types are on the same quote.
- Be sure to select each instrument's savings option.



Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation, and test challenges to create the best product experiences. Start your innovation journey at [www.keysight.com](http://www.keysight.com).

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