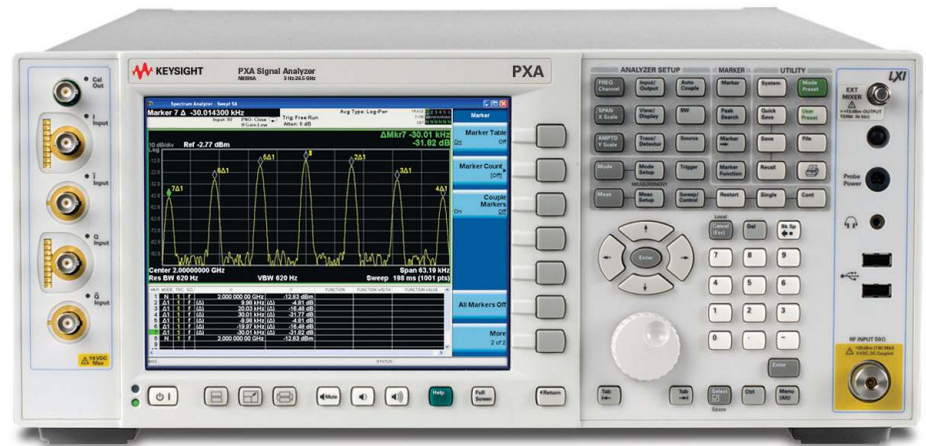


Upgrade Your Keysight X-Series Signal Analyzer Today



X-Series signal analyzer upgrades allow you to evolve your test capabilities as technology changes.

Upgrade your Keysight Technologies, Inc. X-Series signal analyzer to keep your test assets current, extend instrument longevity, and meet business and technical requirements across multiple products and programs—now and in the future.

X-Series signal analyzer upgrades include:

- Frequency range
- Analysis bandwidth
- CPU module and operating system
- Internal preamplifier
- Removable solid-state drives
- I/O ports
- Measurement applications
- Real-time spectrum analyzer (PXA/MXA)

Did you know...

You can add real-time spectrum analyzer capabilities and increase your analysis bandwidth with a simple upgrade. Read on to learn about more of our X-Series signal analyzer upgrades.

Adding functionality or applications can be as simple as a license-key upgrade.



N9030A PXA



N9020A MXA



N9010A EXA

X-Series signal analyzer upgrades	N9030A PXA	N9020A MXA	N9010A EXA	Upgrade benefits
Dual-core, high-performance processor	■	■	■	Accelerate testing with up to 15% faster measurements.
Additional, removable solid-state drive	■	■	■	Ensure your measurement data is secure.
Upgrade operating system to Windows Embedded Standard 7	■	■	■	Get more virtual memory, functionality, and computation power with the Windows 7 operating system.
Frequency range	■	■	■	Extend frequency range while retaining compatibility, options, and serial number with return-to-Keysight upgrade. www.keysight.com/find/frequencyup
Analysis bandwidth				Keep up with evolving standards that require wider bandwidths, such as LTE and WLAN.
Increase to 40 MHz	■	■	■	For more information about the analysis bandwidth upgrade options, view the BW upgrade tool. www.keysight.com/find/BW-selector
Increase to 85 MHz	■	■		
Increase to 125 MHz		■		
Increase to 160 MHz	■	■		
Real-time spectrum analyzer up to 160 MHz bandwidth	■	■		See, capture, and understand the most elusive signals—known or unknown—with real-time spectrum analysis. www.keysight.com/find/rtsa
X-Series measurement applications	■	■	■	Address ever-changing measurement needs in cellular communications, wireless connectivity, digital video, and general-purpose applications. www.keysight.com/find/X-Series_apps
Add preamplifier	■	■	■	Enhance the signal analyzer's ability to detect low-level signals.
Add low noise path	■			Find low-level signals in the presence of high-level signals at microwave frequencies.
Add external mixing	■		■	Measure signals to 325 GHz and beyond.
Add fast sweep capability	■	■	■	Save test time in measurements such as spurious response with up to 50x improvement in sweep speed.

Stay ready, stay in sync,
and arrive ahead—with
the Keysight X-Series.

You Can Upgrade!

Options can be added after your initial purchase.

All of our X-Series application options are license-key upgradeable.



For detailed information and to view the full list of available upgrades, please visit:
www.keysight.com/find/PXA_upgrades
www.keysight.com/find/MXA_upgrades
www.keysight.com/find/EXA_upgrades

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at:
www.keysight.com/find/contactus

