

## Quick Fact Sheet

# Agilent Infiniium 9000 Series Oscilloscopes

Engineered for broadest measurement capability



### Key specifications

Bandwidth	600 MHz, 1 GHz, 2.5 GHz and 4 GHz models
Channels	4-ch, and 4-ch + 16 digital channels models
Sample rate	10 GSa/s (20 GSa/s on 2-ch) (600 MHz is 5 GSa/s on 4 ch and 10 GSa/s on 2 ch)
Memory	20 Mpts standard (40 Mpts on 2-ch)
Display	15" high-definition display with XGA resolution
Triggering	Edge, glitch, runt, timeout, pattern/pulse range, state, pulse width line, window, setup and hold, video and serial
Warranty	Standard 1-year warranty
Starting price	\$ 2,810

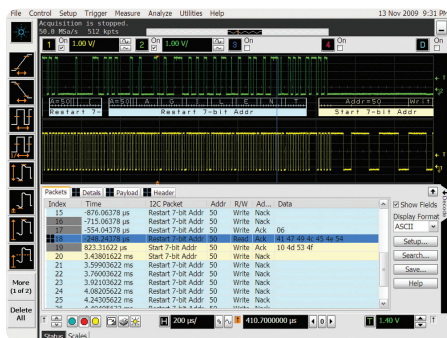
What makes the Infiniium 9000 Series the go-to scope for a complete range of test and debug challenges?

### Three instruments in one

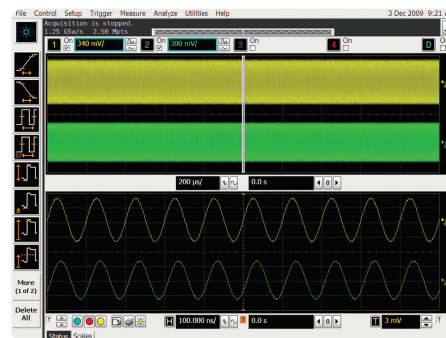
- **Oscilloscope:** Fast sample and update rates let you see a precise representation of your signal. Scope is packed with features and analysis capabilities.
- **Logic analyzer:** Fast, deep-memory digital channels show critical data values and timing relationships.
- **Protocol analyzer:** World's first scope-based protocol viewer with multi-tab viewing so you can quickly move between protocol and physical layers.

**Widest range of application-specific software** for debug, analysis and compliance testing

**Sized to fit your environment** with the largest display (15"), a smaller depth (9") and lighter weight (26 lbs) than any other scope in its class.



Extend your scope capability with protocol analysis. The tracking marker/bar shows precise time alignment between protocol viewer and analog waveforms.



Use responsive deep memory to see longer periods of time.



Integrated mixed-signal oscilloscope lets you trigger across time-correlated analog and digital channel combinations.

## Quick Fact Sheet

# Order the mixed-signal oscilloscope (MSO) to add 16 digital timing channels to any scope

## Oscilloscope models

Model	Bandwidth	Sample rate*	Memory depth*	Scope channels	MSRP
DSO9064A	600 MHz	5 GSa/s	10 Mpts	4	\$ 17,500
MSO9064A	600 MHz	5 GSa/s	10 Mpts	4 + 16 digital	\$ 21,500
DSO9104A	1 GHz	10 GSa/s	10 Mpts	4	\$ 20,600
MSO9104A	1 GHz	10 GSa/s	10 Mpts	4 + 16 digital	\$ 24,600
DSO9254A	2.5 GHz	10 GSa/s	10 Mpts	4	\$ 26,200
MSO9254A	2.5 GHz	10 GSa/s	10 Mpts	4 + 16 digital	\$ 30,200
DSO9404A	4 GHz	10 GSa/s	10 Mpts	4	\$ 41,750
MSO9404A	4 GHz	10 GSa/s	10 Mpts	4 + 16 digital	\$ 45,750

\* In 2 ch mode, sample rate and memory depth double.

## Options and accessories

Model	Description	MSRP
N2900A-050	Upgrade to 50 Mpts of memory	\$ 5,010
N2900A-100	Upgrade to 100 Mpts of memory	\$ 10,019
N2900A-200	Upgrade to 200 Mpts of memory	\$ 20,039
N2900A-500	Upgrade to 500 Mpts of memory	\$ 30,058
N2901D	DSO9064A to MSO9064A upgrade kit	\$ 4,000
N2901A	DSO9104A to MSO9104A upgrade kit	\$ 4,000
N2901B	DSO9254A to MSO9254A upgrade kit	\$ 4,000
N2901C	DSO9404A to MSO9404A upgrade kit	\$ 4,000
N5473A	External DVD-RW with USB connection	\$ 295
N2902A	9000 Series oscilloscope rackmount kit	\$ 782
N2745A	Additional removable hard disk drive (requires option 801 at time of purchase)	\$ 521
N4865A	GPIB to LAN adapter	\$ 900
N2918B	Infiniium Evaluation Kit	\$ 1,000

For a complete listing of available Agilent probes, see the *Agilent Probes and Accessories Selection Guide*, publication number 5989-6162EN.

### Recommended service options

Additional two years of Return-to-Agilent warranty

Additional two years of Return-to-Agilent calibrations

For more information go to [www.agilent.com/find/removealldoubt](http://www.agilent.com/find/removealldoubt)

## Recommended probes

Model	Key characteristics	MSRP
N2783A	500-MHz passive probes (standard)	
1130A	1.5 GHz InfiniMax probe (optional)	\$ 3,048
1131A	3.5 GHz InfiniMax probe (optional)	\$ 3,879
N2795/96A	1 and 2 GHz active probes (optional)	\$ 995

## Applications

Model	Description	MSRP
N5462B	RS-232/UART triggering and decode	\$ 1,800
E2681A	EZJIT jitter analysis software	\$ 4,465
N5384A	High-speed SDA and clock recovery	\$ 4,512
N5400A	EZJIT Plus jitter analysis software	\$ 8,502
N5464B	USB triggering and decode	\$ 1,800
N5463B	PCI Express 1.1 triggering and decode	\$ 2,500
N5391B	I <sup>2</sup> C/SPI triggering and decode	\$ 1,800
N8803B	CAN/LIN/FlexRay triggering and decode	\$ 1,800
N5415B	InfiniScan	\$ 1,800
N5430A	User-defined function (MATLAB integration)	\$ 2,302
U1882A	Power measurement application software	\$ 2,188
N5397A	Xilinx FPGA dynamic probe application	\$ 2,200
N5433A	Altera FPGA dynamic probe application	\$ 2,200
N5392A	Ethernet compliance application	\$ 4,588
N5416A	USB 2.0 compliance application	\$ 2,275
U7233A	DDR1 validation application	\$ 3,647
N5413B	DDR2 validation application	\$ 3,728
U7231A	DDR3 validation application	\$ 3,665
N5467A	User-definable application	\$ 2,004
N8802A	MIPI D-PHY Trigger and decode	\$ 1,750
U7238A	MIPI D-PHY compliance	\$ 4,377
N8817A	JTAG triggering and decode	\$ 1,800

For more information on this and other Agilent scopes please visit

[www.agilent.com/find/9000](http://www.agilent.com/find/9000)

Technical data, availability and pricing subject to change without notice.

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