

Model Numbers	Interface	N1500A-001	N1500A-002	N1500A-003	N1500A-004	N1500A-005	N1500A-006
		Trans Line & Free Space	Arch Reflectivity	Resonant Cavity	Coaxial Probe	Parallel Plate/Ind. Method Up to 1.0 GHz	Parallel Plate/Ind. Method Up to 120 MHz
PNA Series							
N5231/32/33/34/35/39A	LAN, GPIB, USB or run on analyzer ¹	yes ^{3,4}	yes ^{3,4}	yes	yes	no	no
N5231/32/33/34/35/39B						no	no
N5221/22/24/25/27A	LAN, GPIB, USB or run on analyzer ¹	yes ^{3,4}	yes ^{3,4}	yes	yes	no	no
N5221/22/24/25/27B						no	no
N5241/42/44/45/47A	LAN, GPIB, USB or run on analyzer ¹	yes ^{3,4}	yes ^{3,4}	yes	yes	no	no
N5290/1A and N5252A N5241/42/44/45/47B						no	no
E8361/62/63/64C	LAN, GPIB, USB or run on analyzer ²	yes ^{3,4}	yes ^{3,4}	yes	yes	no	no
N5230C	LAN, GPIB, USB or run on analyzer ²	yes ^{3,4}	yes ^{3,4}	yes	yes	no	no
ENA Series						no	no
E5080A/B	LAN, GPIB, USB or run on analyzer	yes ⁵	no	yes ⁶	yes	no	no
E5063A	LAN, GPIB, USB or run on analyzer	yes ^{3,4,8}	no	yes	yes ⁷	no	no
E5061B	LAN, GPIB, USB or run on analyzer	yes ⁵	no	yes ⁶	yes ⁷	no	no
E5061B-3L5	LAN, GPIB, USB or run on analyzer	yes ⁵	no	yes ⁶	yes ⁷	no	no
E5071C	LAN, GPIB, USB or run on analyzer	yes ^{3,4}	yes ³	yes	yes	no	no
E5072A	LAN, GPIB, USB or run on analyzer	yes ⁵	no	yes ⁶	yes	no	no
E5061/62A	GPIB	no	no	no	yes ⁷	no	no

Footnotes

- ¹ analyzer requires firmware A.09.50.12 or greater for GPIB and USB
- ² analyzer requires firmware A.09.42.18 or greater for GPIB and USB
- ³ analyzer requires option 010, time domain for free space calibration
- ⁴ analyzer requires full two port S-parameters for free space calibration

- ⁵ transmission line only, free space is not supported.
- ⁶ ASTM and SPDR methods only, not 85072A.
- ⁷ analyzer displays un-calibrated S-parameters.
- ⁸ analyzer requires firmware A.02.04 or greater for free space calibration

Model Numbers	Interface	N1500A-001	N1500A-002	N1500A-003	N1500A-004	N1500A-005	N1500A-006
		Trans Line & Free Space	Arch Reflectivity	Resonant Cavity	Coaxial Probe	Parallel Plate/Ind. Method Up to 1.0 GHz	Parallel Plate/Ind. Method Up to 120 MHz
USB Stream Line VNA							
P5000/1/2/3/4/5/6/7/8A P5020/1/2/3/4/5/6/7/8A P9370/1/2/3/4/5A	USB	Yes ⁵	no	yes	yes	no	no
FieldFox							
N9913/14/15/16/17/18A/50/51/52A	LAN / USB for CPU2	yes ^{5, 10}	no	yes ^{6, 10}	yes ^{7, 8, 9, 10}	no	no
N9925/26/27/28A	LAN / USB for CPU2	yes ⁵	no	yes ⁶	yes ^{7, 8, 9}	no	no
N9912A	LAN / USB for CPU2	no	no	no	yes ^{7, 8, 9, 11}	no	no
N9923A	LAN / USB for CPU2	yes ⁵	no	yes ⁶	yes ^{7, 8, 9}	no	no
PXIe VNA							
M9485A M9370/1/2/3/4/5A ¹⁴ M980/1/2/3/4/5/6/7/8A ¹⁴	<ul style="list-style-type: none"> M9045B PCIe ExpressCard adapter and Y1200A cable to M9021A PCIe cable interface. M9048A PCIe desktop adapter and Y1202A cable to M9021A PCIe cable interface. LAN to M9036/7A PXIe embedded controller. Run on M9036/7A PXIe embedded controller. 	yes ⁵	no	yes	yes	no	no
Impedance Analyzer							
E4991B	LAN, GPIB, USB or run on analyzer	no	no	no	yes ^{12, 13}	yes ^{16, 17}	no
E4991A	GPIB	no	no	no	yes ¹²	no	no
E4980A/AL ¹⁵	LAN, GPIB, USB	no	no	no	no	yes	yes

E4990A ^{15, 18}	LAN, GPIB, USB or run on analyzer	no	no	no	no	yes	yes
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Footnotes

<p>⁵ guided transmission line only, free space is not supported.</p> <p>⁶ ASTM and SPDR methods only, 18GHz and above model for 85072A.</p> <p>⁷ analyzer displays un-calibrated S-parameters.</p> <p>⁸ does not support electronic calibration refresh with ECal.</p> <p>⁹ does not support Log Sweep.</p> <p>¹⁰ analyzer requires option 210 or 211 Vector Network Analyzer option.</p> <p>¹¹ analyzer requires option 303, network analysis capability</p> <p>¹² analyzer requires option 010, extended test port</p>	<p>¹³ requires N1500A revision v2014-20150115-01 or greater.</p> <p>¹⁴ supports up to 16 PXIe VNA cards for multiport configurations.</p> <p>¹⁵ support 16451B/16452A for permittivity</p> <p>¹⁶ support 16454A for permeability</p> <p>¹⁷ support 16453A for permittivity</p> <p>¹⁸ support E4990A opt.120 + 42942A + 16454A for permeability up to 120 MHz</p>
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