Keysight PNA Series
Network Analyzers
Hard Drives and CPUs

System CPU and Part Numbers	Associated PNA Models	Drives with Windows XP Operating System	Drives with Windows 7 Operating System	Drives with Windows 10 Operating System	Drive Capacity
Version 1.0 266 MHz Pentium (used 2000-2002, now obsolete)	E835xA	Not supported	Not supported	Not supported	Not supported
Version 2.0 500 MHz Pentium III (used 2001-2006, now obsolete)	E835xA, E836xA/B N5230A	Obsolete SATA: E8801-60070 Obsolete PATA: E8801-60063 Obs. upgrade model - N8980A	Not supported	Not supported	40 GB
Version 3.0 1.1 GHz Pentium M E8364-60204 (used 2006-2012, limited availability)	E836xA/B, N5230A	**E8364-60192** – SATA (E8364-10002 on disk label) Obsolete PATA: E8364-60190 Obs. upgrade model - N8981A	Not supported	Not supported	80 GB
	E836xC, N5230C	**N5230-60050** – SATA (N5230-10049 on disk label) Obsolete PATA: N5230-60048 Obs. upgrade model - N8981A	Not supported	Not supported	80 GB
Version 4.0 1.6 GHz Pentium M N5242-60037 (used 2007-2009, now obsolete)	N5241A/42A	Obsolete PATA: N5242-60035	Not supported	Not supported	40 GB
Version 5.0 2.0 GHz Core Duo W1312-60068 W1312-60190 (used 2009-2011, no longer available)	N524xA	Obsolete SATA: N5242-60044	Not supported	Not supported	80 GB

System CPU and Part Numbers	Associated PNA Models	Drives with Windows XP Operating System	Drives with Windows 7 Operating System	Drives with Windows 10 Operating System	Drive Capacity
Version 6.0 2.0 GHz i7 W1312-60196 (used 2011–2015, no longer available)	N524xA, N522xA	**N5242-60088** HDD S.09.xx	**N5242-60132** Upgrade model: **N8983A**	Not supported	80 GB / 256 GB
Version 6.1 1.87 GHz Celeron W1312-60297 (used 2012–2015, no longer available)	N5231A-39A	**N5235-60060**	**N5242-60132** Upgrade model: **N8983A**	Not supported	80 GB / 256 GB
Version 7.0 2.2 GHz W1312-60211 (used 2015–2021, still available)	N524xA, N522xA, N5231A-39A, N5264A	Not supported	**N5242-60133** Upgrade model: **N8984A** HDD S.28.xx (80 GB) S.30.xx (256 GB)	Not supported	80 GB / 256 GB
	N524xB, N522xB, N5231B-39B, N5264B	Not supported	**N5242-60134** HDD S.32.xx	**N5242-60135** or **Y9410A-SS7** Upgrade model: **N8985A** HDD S.40.xx LTSB 1607	120 GB / 256 GB
Version 8.0 Core i3-9100HL W1312-60522 or Y9410A-PC8 (used Aug 2021–Mar 2023, still available)	N524xB, N522xB, N5231B-39B, N5264B	Not supported	Not supported	**N5242-60136** or **Y9410A-SS8** HDD S.42.00 LTSC 1809	250 GB / 256 GB
Version 9.0 Core i3-9100HL W1312-60563 or Y9410A-PC9 (used since Mar 2023, fully available)	N524xB, N522xB, N5231B-39B, N5264B	Not supported	Not supported	**N5242-60137** or **Y9410A-SS9** HDD S.42.01 LTSC 1809	512 GB **M.2** **Note: This M.2 style memory is not compatible with previous drives.**

Notes for Drives:

1. Ordering one of the ten-digit part numbers shown here will get you a fully imaged hard drive containing the Windows operating system and the latest PNA firmware. Order one of these parts if you are replacing an identical drive.

2. The **N898xA** model numbers shown here should only be ordered when upgrading from one operating system to another. The **N8980A/81A/82A**, which are now obsolete, were sold as a Windows 2000 to Windows XP upgrade drive. The **N8983A/84A** are Windows XP to Windows 7 upgrade drives. The **N8985A** is a Windows 7 to Windows 10 upgrade drive. These include a new Windows Certificate of Authenticity sticker and a fully imaged hard drive mounted in a "cradle" with the necessary interface boards. If you are not upgrading the operating system, order the ten-digit part number shown in the table for your CPU board.

3. The 256 GB drive (intro Aug 2020) is partitioned as:- C: 120 GB System; D: 73 GB Userstore; E: 10 GB Datastore; F: 35 GB Recovery

4. The 512 GB version 9 drive (intro Jan 2023) is partitioned as:- C: 180 GB System; D: 246 GB Userstore; E: 15 GB Datastore; F: 35 GB Recovery

5. Keysight will always use the Long-Term Servicing Channel (LTSC) [formerly, Long-Term Servicing Branch (LTSB)] version of Windows 10. Microsoft has released versions 1507, 1607, and 1809 for the LTSC. The version included on each Windows 10 drive is shown in the table.
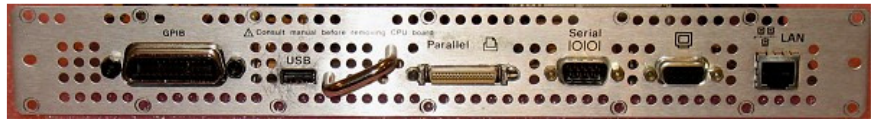
Notes for Operating Systems:

1. PNAs were shipped with Windows XP from 2000 to March 2014.
2. PNAs were shipped with Windows 7 from March 2014 to October 2018.
3. PNAs were shipped with Windows 10, LTSC 1607 from November 2018 to July 2021.
4. PNAs have been shipping with Windows 10, LTSC 1809 since August 2021.
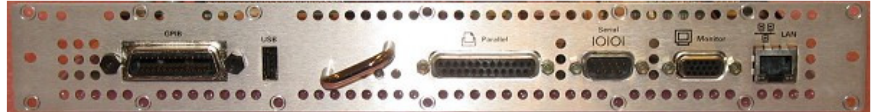
CPU Images and Details:

Version 1.0:
256MB PC66 SDRAM SODIMM in 1 slot. USB 1.0 rear and front.

Version 2.0:
512MB PC100 SDRAM SODIMM in 2 slots. USB 1.0 rear and front.

Version 3.0:
1GB PC2700 DDR SODIMM in 1 slot. USB 2.0 rear; 1.0 front. Device side USB not enabled.

Version 4.0:
2GB PC2700 DDR SODIMM in 2 slots. USB 2.0 rear and front. Device side USB not enabled.

Version 5.0:
4GB PC2-5300S DDR2 SODIMM in 2 slots. USB 2.0 rear and front. Device side USB not enabled.

Version 6.0 and 6.1:
8GB PC3-10600S DDR3 SODIMM in 2 slots. USB 2.0 rear and front. Device side USB not enabled.

Version 7.0:
8GB PC3L-12800S DDR3L SODIMM in 2 slots. USB 2.0 (black) and 3.0 (blue) rear; 2.0 front. Device side USB not enabled.

Version 8.0:
16GB PC4-3200AA DDR4 SODIMM in 2 slots. USB 2.0 (black) and 3.0 (blue) rear; 2.0 front.

Version 9.0:
16GB PC4-3200AA DDR4 SODIMM in 2 slots. USB 3.0 (blue) rear; 2.0 front.