

Agilent N2099A, N2102B, N2101B and N2100B 04.00 Release

Working with Agilent M9018A 18 Slot PXIe Chassis:

Agilent N2099A, N2102B, N2101B and N2100B now works with Agilent M9018A 18 Slot PXIe chassis, following are the H/W components required to work with M9018A

- If Laptop(Please refer to the document <http://cp.literature.agilent.com/litweb/pdf/5990-7632EN.pdf>) is used as the system controller
 1. M9045A express card and Y1200A PCIe cable as shown in the picture below:



2. M9021A Gen 2, x8 PCIe Cable Interface Module to be mounted into the “Slot 1” of the M9018A chassis, as shown in the pictures below



(M9021A Mounted on Slot-1 of M9018A chassis) (M9021A Gen 2, x8 PCIe Cable Interface Module)

For further information on M9021A please refer to the link below:

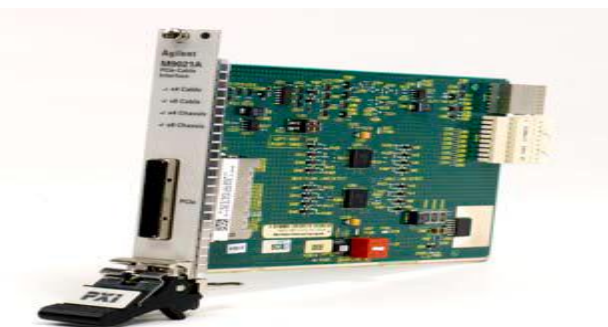
<http://www.home.agilent.com/agilent/product.jsp?cc=SG&lc=eng&ckey=1886670&nid=-33637.957125.00&id=1886670&pselect=SR.GENERAL>

- If Desktop/rack-mounted PC (Please refer to the document <http://cp.literature.agilent.com/litweb/pdf/5990-7632EN.pdf>) is used as a System Controller

1. M9047A express card and Y1202A PCIe cable as shown in the picture below:



2. M9021A Gen 2, x8 PCIe Cable Interface Module to be mounted into the "Slot 1" of the M9018A chassis, as shown in the pictures below



(M9021A Mounted on Slot-1 of M9018A chassis)

(M9021A Gen 2, x 8 PCIe Cable Interface Modules)

For further information on M9021A please refer to the link below:

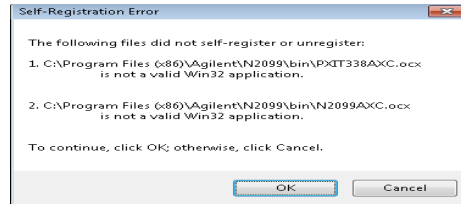
<http://www.home.agilent.com/agilent/product.jsp?cc=SG&lc=eng&ckey=1886670&nid=-33637.957125.00&id=1886670&pselect=SR.GENERAL>

Following are the S/W components required in order to work with N2099A, N2102B, N2101B and N2100B modules

- Any of the Operating systems Windows 7, Windows Vista, or Windows XP with Service Pack 3 or greater must be installed into the Laptop/PC which would work as the System Controller. Please note that the Current Installers N2099A, N2102B, N2101B and N2100B are only tested with Window7 and Windows XP operating systems.
- The Agilent IO Libraries Suite 16.1 or later must be installed in the system, Please refer to the link <http://www.home.agilent.com/agilent/product.jsp?ckey=1985909&id=1985909&nid=-34466.977662.00&cmpid=zzfindiosuite&lc=eng&cc=US>. It is recommended that you use the I/O libraries version 16.1.14931.0 or later.

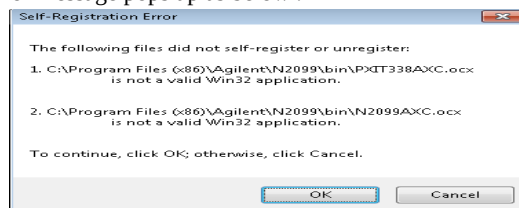
Installation Guidelines:

- It is strictly advised that during the Install or Uninstall process the current user must be the member of Administrators group. Especially since all the installers have the Active-X components hence the Install/Uninstall of the software might give the error message as given below when installer tries to register/un-register the Active-X components during the process.



(Error Message during the un-installation of N2099A software)

- Before Installing any of the installers (e.g. N2100B, N2099A, N2102B or N2101B), Please make sure that any prior versions installed must be un-installed from the system.
- Install Agilent I/O Library suite 16.1 or later.
- If you wish to use the NI-VISA as well in parallel to Agilent VISA then it is recommended that NI-VISA is the primary VISA and Agilent VISA is the secondary VISA and the “passport” mechanism is being enabled from NI-MAX explorer (otherwise N2100B will not work)
- If you want to work with LabVIEW drivers please make sure that you have installed the National Instruments LabVIEW software as well.
- To work with AGILENT VEE, Agilent VEE PRO 9.2 or later must be installed in the system. Please refer to the link <http://www.home.agilent.com/agilent/product.jsp?nid=-34095.806312.00&cc=SG&lc=eng>
- Then install the installers (e.g. N2100B, N2099A, N2102B and N2101B) and follow the instructions from the installers screen.
- Please restart the chassis first and then wait for some time and then restart the PC/Laptop
- Please wait for 5-10 minutes and then start working on the software's.
- All the four installers ships with 32/64 bit versions of the libraries (to build your 32 bit or 64 bit components, e.g. IVI-COM drivers or the examples (c++, c#) shipped with the software).
- Occasionally in some of the PC's/Notebooks it has been seen that (when user is not the member of the administrators group) when you un-install the N2099A, N2100B, N2102B or N2101B software during the un-installation a error message pops up as below :



(Error Message during the un-installation of N2099A software)

The above error message just pops up, please click OK to complete the un-installation, the installer cleanly un-installs the software from the system and there is absolutely no problem on working of the software.

NOTE: Please make sure that you have installed the N2099A, N2102B, N2101B or N2100B modules into the M9018A 18 Slot PXIe chassis properly.