

# P93xxA Streamline Series USB-Vector Network Analyzer Quick Start Guide

## CAUTION

Please use ESD Precautions when handling and operating

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## System Requirements

Refer <https://www.keysight.com/find/pxiusbvna-firmware> for the system requirements.

## Installation Procedure

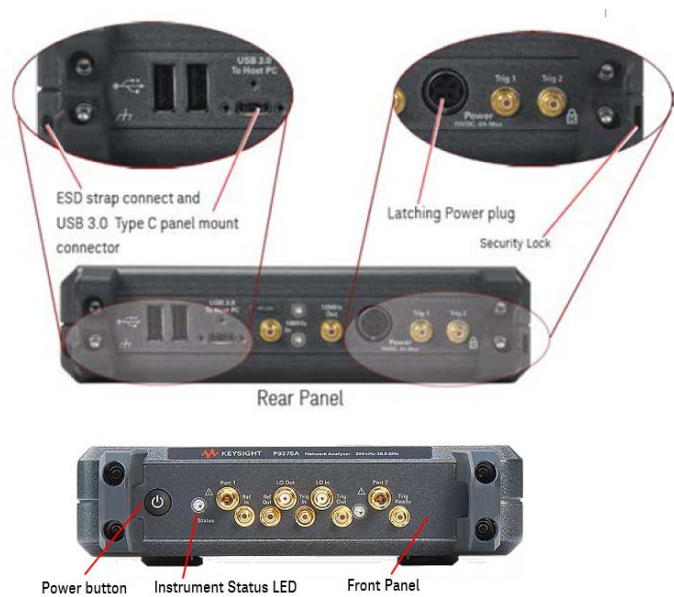
1. Download and install the Keysight IO Libraries Suite at [www.keysight.com/find/iosuite](http://www.keysight.com/find/iosuite). Follow the installer prompts.
2. Download the network analyzer software from <https://www.keysight.com/find/pxiusbvna-firmware> webpage.
3. Execute and install the network analyzer software according to the installer prompts.
4. Shutdown PC once the installation is done.
5. Connect the included USB 3.0 Type C cable to the P93xxA and the other end of the cable directly to a USB 3.0 port on a PC (USB 2.0 is not supported).
6. Plug in the AC adapter to the back of the instrument and then plug it into the AC power.
7. Press the power button to **power up** the instrument first. Confirm if the Power LED is green.
8. Then, power on the PC, click the Network Analyzer icon to execute the VNA application.
9. Select the required P93xxA, then click RUN. Confirm if the instrument LED status is green. See the [Help: Quick Start > SFP Launcher](#) for more information.

**Note:** FPGA update will be necessary if the FPGA version on the VNA differs from that on the user's controller PC.

The update process requires some time (10 minutes or more depending on number of ports) to complete.

During this time, it is crucial not to turn off the PC or VNA, disconnect the USB cable, nor interrupt the FPGA update progress. Failing to complete the FPGA update properly may render the VNA non-recognizable/ non-bootable.

**Note:** When the unit is not detected, reboot PC.



A cable retainer attachment is furnished with the Thunderbolt 3 Streamline VNAs to avoid the unexpected Thunderbolt 3 cable disconnection. Refer to [Help: Quick Start > USB VNA Rear Panel](#).



The P93xxA VNA has the right side of the instrument dedicated to air intake and the left side dedicated to air exhaust.

Additional information:

| Topic   | URL   |
|---|---|
| PC setup procedure and its troubleshooting tips | <a href="http://www.keysight.com/find/VNATBTConnectivity">http://www.keysight.com/find/VNATBTConnectivity</a>   |
| Product information                             | <a href="http://www.keysight.com/products/P9375A">http://www.keysight.com/products/P9375A</a>   |
| Manuals   | <a href="http://www.keysight.com/manuals/P9375A">http://www.keysight.com/manuals/P9375A</a>   |
| Technical support                               | <a href="http://www.keysight.com/support/P9375A">http://www.keysight.com/support/P9375A</a>   |
| Multiple modules setup                          | <a href="#">Help: Quick Start &gt; Multiport and Multisite Configuration</a>  |
| Connector Care                                  | <a href="https://helpfiles.keysight.com/csg/pxivna/Tutorials/Connector_Care.htm">https://helpfiles.keysight.com/csg/pxivna/Tutorials/Connector_Care.htm</a> |
| Contacting Keysight                             | <a href="http://www.keysight.com/find/assist">http://www.keysight.com/find/assist</a>   |

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