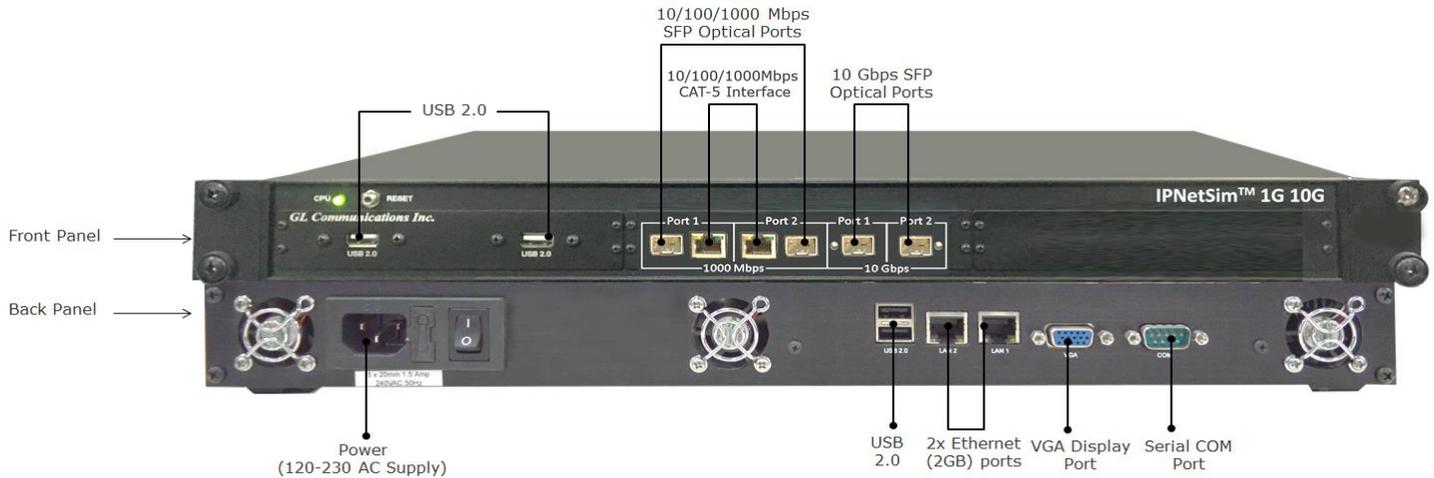


For the purchased **IPNetSim™ 10G (IPN504)** product, you will receive a 1U rackmount network appliance with all the necessary PC interface, Operating System, and IPNetSim™ device. The appliance also includes required IPNetSim™ software, and licenses pre-installed. And therefore, you will need to only plug-in the monitor, keyboard, mouse, connect the network appliance to the power outlet and then power on the appliance.

**About IPNetSim™ 10G**

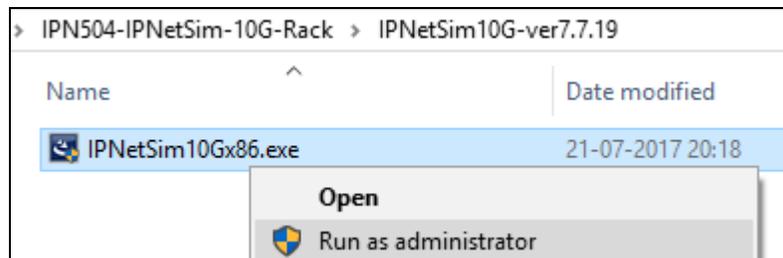
IPNetSim™ (**IPN504**) has two 10G optical ports and two 1G (Electrical/ Optical) ports w/ Embedded Single Board Computer (SBC). SBC Specs: 19" 1U Rackmount Enclosure, Intel Atom CPU, 4GB RAM, Windows 7 (32 bit), MSATA SSD, 2 USB Ports.



**Software Upgrade**

- Connect IPNetSim™ hardware appliance to power adapter and connect the power adapter to the AC power outlet.
- Switch ON the IPNetSim™ hardware appliance.
- Check that the CPU LED is glowing on the Hardware appliance, indicating that power supply is correct
- Connect the Monitor to the IPNetSim™ appliance after powering on the unit.
- Plug-in the USB installation stick (pen drive) provided with the shipment package by GL Communications.
- From the USB installation stick (pen drive), navigate to folder \IPN504-Rack-IPNetSim\IPN504-Rack-IPNetSim-Software-verXX. Right-click on **IPNetSim10Gx86.exe**, and select "Run as administrator".

Note: DO NOT execute **IPNetSim10Gx64.exe** as IPNetSim™ rack hardware appliance is on Windows 7 32-bit OS.

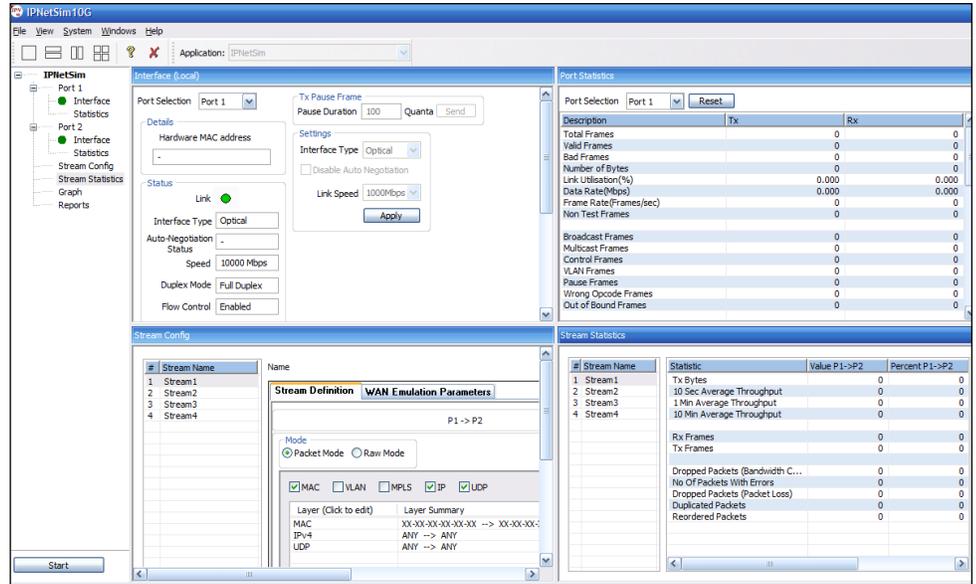


- Follow the onscreen instructions to complete the software installation.
- Note:** After IPNetSim™ software installation, user may be prompted for additional Winpcap installation. Please make sure to install it as well.

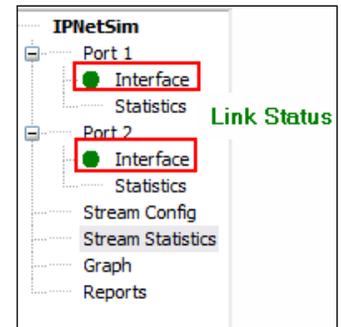
Quick Checkout

- Double click on the IPNetSim10G shortcut icon  created on the desktop and the application should invoke without any errors and display the screen as shown below.

**Note:** The application may take some time to get started due to hardware and software initializations.



- On launch of IPNetSim™ 10G application, a default configuration file is automatically loaded with the pre-configured settings.
- For 10G Optical Interface Type, plug-in SFP Transceivers to the optical ports and connect LC optical cable from 10G Port 1 & 10G Port 2.
- Verify the **Green LEDs** lit on both ports indicating that the Link Status is UP (refer to figure). If the LED shows red (refer to the figure), then link is down.
- To perform further tests, refer to [IPNetSim™ 10G-IPN504 Quick Verification Guide](#).



Troubleshoot

On Launching IPNetSim™ 10G, if you get the following error message, troubleshoot using the steps below:



- Ensure that the Power Adapter is connected to the IPNetSim™ appliance and to the AC Power on the strip or Wall. Ensure that the Power Strip is ON.
- Make sure that IPNetSim™ 10G is launched in Administrator Mode. Follow the Quick Checkout section explained above, and make sure that the application is launched in Administrator mode (Right-Click and select "Run as Administrator").
- Press **Reset CPU** button manually (available on the front panel of the device) for no display or other related problems.
- For any further queries, please contact GL Communications Inc at [info@gl.com](mailto:info@gl.com).