Calnex SNE Ignite

KEY HIGHLIGHTS

- **Best-in-class port density (up to 8 ports)** enabling testing of multiple 5G ORAN O-RU devices simultaneously

- **Low PDV/Low MTIE LPF** as many O-RU devices are intolerant to PDV

- **Low Intrinsic Latency** as Fronthaul can be intolerant to delays as low as 8 µs

- **PTP Transparent Clock** inside ensuring high priority S-plane traffic is **not affected** by large User-plane packets such as Jumbo packets

- **Nano-second accuracy** for accurate and repeatable testing

- **Sync-E and External Clock** input enabling physical layer synchronization to the required incoming clock reference

- **Software upgradeable:** as your Fronthaul network increases in rate from 25GbE to 50GbE. Simply add the 50GbE PAM4 software option

Designed to meet stringent 5G O-RAN Fronthaul test requirements

1-STEP TRANSPARENT CLOCK INSIDE

MULTI-USER- RESERVE YOUR PORTS

FPGA ARCHITECTURE ENSURES 100% LINE RATE PERFORMANCE & NS ACCURACY

IMPAIRMENTS AND FILTERS

UP TO 8 100GbE PORTS

100GbE, 50GbE PAM4, 40GbE, 25GbE & 10GbE INTERFACES