

The BitFire SLED (Simple Link Evaluation Device) is a small, portable computer used to test a network's actual bandwidth.

Setup

1. Connect to your local network via the WAN port on the SLED.
2. Connect power via the power adapter into the side of the unit.
3. Contact the BitFire NOC at 877-356-3232 with the server ID
4. The BitFire support team will proceed with performing the test and will send a follow-up report with the results
5. BitFire servers do not require a public IP, any inbound firewall rules or port forwards. Our servers are configured for a DHCP and require unrestricted outbound access.



About SLED Tests

When the device comes online, our NOC will run a qualifying test of the internet connection testing both the quality, available bandwidth, and measure latency, round trip time, as well as the loss profile we encounter.

Once completed, the NOC will send a summary of the test results of the SLED test including TCP, upload/download speeds, BitFire Transmit (TX) and Receive (RX) speeds and qualify the number of paths the connection can handle.

TEST SUMMARY

DHCP / Static	DHCP
Public IP Address/Netmask	203.0.113.42/24
Internal IP Address	192.168.1.104
TCP Upload Test	45 Mbps
TCP Download Test	515 Mbps
BitFire Transmit Bandwidth Tested	50 Mbps
BitFire Receive Bandwidth Tested	90 Mbps

CONNECTION ANALYSIS

Based on the current configuration of the above circuit, the line is approved for the following number of paths:

Simultaneous TX Paths at Sports Mbps per path	4
Simultaneous RX Paths at Sports Mbps per path	0

If more paths are needed for your booking, please contact us and we may be able to further qualify your line based on the limits of your TCP upload and download test above.

If a static IP is required or if you require the MAC address of the device, please contact our NOC team at **noc@bitfire.tv** or at **877-356-3232**