

Specifications	Linktropy MiniG100 / Mini-G	Linktropy 5510 / 8510	Netropy N61 / N91 / 10G1 / 10G2 / 10G4 / 100G
Capacity			
Maximum Emulation Rate	Mini-G100: 100 Mbps Mini-G: 1 Gbps	5510: 1 Gbps 8510: 1 Gbps	N61: 1 Gbps 10G1: 10 Gbps 10G4: 10 Gbps N91: 1 Gbps 10G2: 10 Gbps 100G: 100Gbps
Emulated WAN Links (per port pair)	1	1	30
Emulation Ports	2 GigE	5510: 2 GigE 8510: 8 GigE	N61: 2 GigE 10G1: 2 10GbE 10G4: 8 10GbE N91: 8 GigE 10G2: 4 10GbE 100G: 2 100GbE
Maximum Packet Rate 64 byte packets (packets per second)	350,000	5510: 3 million 8510: 12 million	N61: 3 million 10G1: 29 million 10G4: 119 million N91: 12 million 10G2: 59.5 million 100G: 32 million
Test Lab Level Precision		✓	✓
Link Impairments			
Packet Filtering	N/A	N/A	Source and dest. IP address (IPv4 or IPv6), VLAN, TCP/UDP port numbers, MAC address, MPLS label, any arbitrary packet field
Bandwidth Emulation	300 bps to 1 Gbps (depending on model)	300 bps to 1 Gbps	100 bps to 100Gbps (depending on model)
Latency & Jitter	0 ms – 10,000 ms constant, uniform, normal		0 ms – 10,000 ms constant, uniform, normal, exponential, accumulate & burst
Packet Loss	Random, BER	Random, BER	Random, Periodic, Burst, BER, Gilbert-Elliot
Data Corruption			✓
Network Outage			✓
Packet Reordering		✓	✓
Packet Duplication		✓	✓
Queue Management	Tail drop	Tail Drop	Tail drop, RED
Access Link Rate Control	Out-bound	Out-bound	In-bound and Out-Bound
Live Condition Capture and Replay		✓	✓
Background Traffic		Random	Random, PCAP replay
ToS Prioritization			FIFO, Strict Priority, Round Robin
MTU and Fragmentation			✓
Installation and Operation			
Form Factor	Portable 6" x 6"	5510: 1U 8510: 1U	N61: 1U 10G1: 1U 10G4: 2U N91: 1U 10G2: 2U 100G: 2U
Throughput Graphs	Previous 10 minutes	Previous 10 minutes	24 hours
Statistics Download		24 hours	24 hours
Full CLI		✓	✓
SSL and SSH Secure Management		✓	✓
Jumbo Frame Support	✓	✓	✓
LDAP User Authentication			✓
DHCP, DNS, NTP			✓
Multiple Users With Configuration Locking			✓
Self-Monitoring Indicators and Logs			✓