

## Elfiq Networks Link Balancer Detailed Product Matrix

Performance	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
Incoming and outgoing traffic balancing	✓	✓	✓	✓	✓	✓	✓
Number of ISP links*	3	4	8	16	64	64	256
Throughput half duplex* (upload or download)	55Mbps	90Mbps	240Mbps	350Mbps	800Mbps	1Gbps	6Gbps
Throughput full duplex* (upload and download combined)	110Mbps	180Mbps	400Mbps	500Mbps	1.6Gbps	2Gbps	12Gbps
Number of sessions*	32 000	32 000	128 000	256 000	1 536 000	1 536 000	4096000
Maximum number of Link Balancer instances (VFI)	1	1	1	2	2	2	4
Number of links per VFI	3	4	8	8	32	32	64
Number of 3G/4G USB Mobile Sticks	3	3	4	4	8	8	8
Number of sessions (one VFI loaded)	32 000	32 000	128 000	128 000	1 024 000	1 024 000	2 048 000
Ethernet Bonding support	-	-	✓	✓	✓	✓	✓
Support for 100Mbps+ download capacity ISP services	-	-	✓	✓	✓	✓	✓
Future IPv6 support option	✓	✓	✓	✓	✓	✓	✓

Balancing	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
OSI model Layer 2 operation (inline unit)	✓	✓	✓	✓	✓	✓	✓
Number of networks (subnets) per link	1	1	4	4	64	64	64
Number of IDNS records (Intelligent DNS)	256	256	256	256	65536	65536	65536
Persistent session management	✓	✓	✓	✓	✓	✓	✓
Real time balancing mode	NAT / PREF	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF
Quality of Service (QoS) rules **	32	32	32	32	128	128	256
Internet Service Verificator	-	-	✓	✓	✓	✓	✓
Time of Day conditions	-	✓	✓	✓	✓	✓	✓
Intelligent Condition Verificator	-	✓	✓	✓	✓	✓	✓

Flex Multipath Routing (FMR) and VPN	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
FMR Sites	-	Up to 512	Up to 512	Up to 512	Up to 512	Up to 512	Up to 512
FMR Links	-	4	8	8	8	8	8
FMR Throughput	-	180Mbps	400Mbps	500Mbps	1600Mbps	2000Mbps	4000+Mbps
VPN instances	-	1	2	4	4	8	8
Tunnels per instance	-	4	8	32	32	64	512
VPN Throughput	-	30Mbps	40Mbps	100Mbps	160Mbps	530Mbps	650Mbps

Uptime and high availability	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
Watchdog timer	✓	✓	✓	✓	✓	✓	✓
LAN Failsafe support	Hardware	Hardware	Programmable 1 pair	Programmable 2 pairs	Programmable 2 pairs	Programmable 2 pairs	Programmable 2 pairs
High availability support Master/Slave	✓	✓	✓	✓	✓	✓	✓
Session guard (DoS protection)	✓	✓	✓	✓	✓	✓	✓
Multimode support	✓	✓	✓	✓	✓	✓	✓



Elfiq App Optimizer Option (Layer-7 DPI)	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
App Optimizer throughput (upload + download)	35Mbps	55Mbps	100Mbps	300Mbps	300Mbps	600Mbps	1Gbps

SitePathMTPX Resilience	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
SitePathMTPX support **	-	✓	✓	✓	✓	✓	✓
SitePath AES128 encryption	-	✓	✓	✓	✓	✓	✓
Maximum number of site paths	-	16	64	64	512	512	2048
Maximum number of site path groups	-	2	8	8	64	64	512

Geolink Geographic balancing	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
Geolink option	-	-	-	-	✓	✓	✓
Geolink mode	-	-	Inbound Geolink	Global Geolink	Global Geolink	Global Geolink	Global Geolink
Maximum number of remote sites	-	-	2	2	4	4	4

Networking features	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
DHCP and PPPoE support	✓	✓	✓	✓	✓	✓	✓
Dynamic MTU/MSS support	✓	✓	✓	✓	✓	✓	✓
802.1Q (vlan) support	✓	✓	✓	✓	✓	✓	✓
Real time filtering (shunning)	-	-	✓	✓	✓	✓	✓
Built-in probe	✓	✓	✓	✓	✓	✓	✓
NAT, Block NAT, NAT Masquerading, and PAT support **	✓	✓	✓	✓	✓	✓	✓

Management	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
Web-based management and reporting	✓	✓	✓	✓	✓	✓	✓
Console command line interface (CLI)	✓	✓	✓	✓	✓	✓	✓
iPhone Mobile Site Manager	✓	✓	✓	✓	✓	✓	✓
Alert support (syslog, SMTP, SNMP)	✓	✓	✓	✓	✓	✓	✓
Secure remote access	✓	✓	✓	✓	✓	✓	✓
XML based external API	✓	✓	✓	✓	✓	✓	✓
SNMP MIB II & III support	✓	✓	✓	✓	✓	✓	✓
Dedicated management port	✓	✓	✓	✓	✓	✓	✓

Physical specifications	LB-600B	LB-600E	LB-800E	LBX900	LB-2500E	LBX2600	LBX5500
Speed of network interfaces (Mbps)	100	100	100/1000	100/1000	100/1000	100/1000	1000/10,000
Total number of Ethernet interfaces	4	4	5	6	8	6	8
Number of Gigabit interfaces	0	0	4	6	4	6	6
Number of 10Gbps interfaces	0	0	0	0	0	0	2 Copper
Format	1U and tabletop	1U and tabletop	1U and tabletop	Rackmount 1U	Rackmount 1U	Rackmount 1U	Rackmount 1U
No moving parts design	✓	✓	✓	Fan only	Fan only	Fan only	Fan only
LCD display	-	-	-	✓	✓	✓	✓
Power requirements	100~240V @ 50~60Hz 25W	100~240V @ 50~60Hz 25W	100~240V @ 50~60Hz 25W	100~240V @ 50~60Hz 150W	100~240V @ 50~60Hz 150W	100~240V @ 50~60Hz 220W	100~240V @ 50~60Hz 275W x2 hot swap
Operating temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Certifications	CE / FCC / RoHS	CE / FCC / RoHS	CE / FCC / RoHS	CE / FCC / RoHS / UL	CE / FCC / RoHS	CE / FCC / RoHS / UL	CE / FCC / RoHS / UL
Size - L, W, H (inches)	10,75 x 7 x 1,7	10,75 x 7 x 1,7	10,75 x 7 x 1,7	16,8 x 11 x 1,7	16,8 x 9 x 1,7	16,8 x 12 x 1,7	16,8 x 16,5 x 1,7
Hardware warranty	12 months	12 months	12 months	12 months	12 months	12 months	12 months

\*: includes the total capacity of all Virtual Forwarding Interfaces (VFIs)

\*\* : Some values listed in our specification matrix (including Throughput, Number of Sessions per second or Total Number of Sessions) should be considered "peak" values. [Click here for details.](#)

## About Elfiq Networks

With today's growing Internet demands, Elfiq Networks enhances network performance and business continuity through innovative link balancing, cloud computing and bandwidth management technologies. Using Elfiq Networks Link Balancers, companies can leverage simultaneous ISPs, mix public and private links for added flexibility, seamless failover, increased throughput and smarter WAN path selection. Every day, local and global organizations of all sizes and verticals rely on Elfiq Networks' Link Balancers and advanced network solutions.

**Cloud. Continuity. Connectivity.**