

ELFIQ NETWORKS LINK BALANCER DETAILED PRODUCT MATRIX

	LBX410	LBX420	LBX430	LBX700	LBX900	LBX2600	LBX5500
PERFORMANCE	BASIC	ADVANCED	ENTERPRISE				
Outgoing traffic balancing	✓	✓	✓	✓	✓	✓	✓
Incoming traffic balancing	-	✓	✓	✓	✓	✓	✓
Number of ISP links**	2	6	8	10	16	64	256
Throughput half duplex** (upload or download)	50Mbps	100Mbps	200Mbps	300Mbps	500Mbps	1Gbps	6Gbps
Throughput full duplex** (upload and download combined)	100Mbps	200Mbps	400Mbps	600Mbps	800Mbps	2Gbps	12Gbps
Number of sessions**	64 000	64 000	128 000	256 000	512 000	1 536 000	4 096 000
Maximum number of Link Balancer instances (VFI)	1	2	2	2	2	2	4
Number of 3G/4G USB Mobile Sticks	2	6	8	10	16	16	16
Ethernet Bonding support	-	-	-	✓	✓	✓	✓
Support for 100Mbps+ download capacity ISP services	✓	✓	✓	✓	✓	✓	✓
Future IPv6 support option	✓	✓	✓	✓	✓	✓	✓

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BALANCING	BASIC	ADVANCED	ENTERPRISE				
OSI model Layer 2 operation (inline unit)	✓	✓	✓	✓	✓	✓	✓
Number of networks (subnets) per link	4	4	8	16	4	64	64
Number of IDNS records (Intelligent DNS)	-	16	256	256	256	65 536	65 536
Persistent session management	✓	✓	✓	✓	✓	✓	✓
Real time balancing mode	NAT	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF
Quality of Service (QoS) rules ***	16	32	64	32	32	128	256
Internet Service Verificator	-	-	✓	✓	✓	✓	✓
Time of Day conditions	-	-	✓	✓	✓	✓	✓
Intelligent Condition Verificator	-	-	✓	✓	✓	✓	✓

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FLEX MULTIPATH ROUTING AND VPN	BASIC	ADVANCED	ENTERPRISE				
Remote Sites Supported	-	Up to 50	Up to 512	Up to 512	Up to 512	Up to 512	Up to 512
FMR Links	-	3	4	5	8	8	8
VPN instances	-	1	2	2	4	8	8
Tunnels per instance	-	10	25	25	32	64	512
VPN Throughput	-	100Mbps	100Mbps	100Mbps	100Mbps	530Mbps	650Mbps

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UPTIME AND HIGH AVAILABILITY	BASIC	ADVANCED	ENTERPRISE				
Watchdog timer	✓	✓	✓	✓	✓	✓	✓
LAN Failsafe support	Programmable 1 pair	Programmable 1 pair	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	✓	✓	✓	✓	✓	✓	✓

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ELFIQ APP OPTIMIZER (LAYER-7 DPI)	BASIC	ADVANCED	ENTERPRISE				
App Optimizer supported	✓	✓	✓	✓	✓	✓	✓

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SITEPATHMTPX RESILIENCE	LBX410	LBX420	LBX430	LBX700	LBX900	LBX2600	LBX5500
	BASIC	ADVANCED	ENTERPRISE				
SitePathMTPX supported ***	-	✓	✓	✓	✓	✓	✓
SitePath AES128 encryption	-	✓	✓	✓	✓	✓	✓
Maximum number of sites	-	1	2	2	8	64	512
Maximum number of paths	-	8	16	16	64	512	2048

GEOLINK GEOGRAPHIC BALANCING	LBX410	LBX420	LBX430	LBX700	LBX900	LBX2600	LBX5500
	BASIC	ADVANCED	ENTERPRISE				
Geolink option	-	-	✓	✓	✓	✓	✓
Geolink mode	-	-	Global Geolink	Global Geolink	Global Geolink	Global Geolink	Global Geolink
Maximum number of remote sites	-	-	2	2	2	4	4

NETWORKING FEATURES	LBX410	LBX420	LBX430	LBX700	LBX900	LBX2600	LBX5500
	BASIC	ADVANCED	ENTERPRISE				
DHCP and PPPoE support	✓	✓	✓	✓	✓	✓	✓
Dynamic MTU/MSS support	✓	✓	✓	✓	✓	✓	✓
802.1Q (vlan) support	✓	✓	✓	✓	✓	✓	✓
Real time filtering (shunning)	-	-	-	-	-	✓	✓
Built-in probe	✓	✓	✓	✓	✓	✓	✓
NAT, Block NAT,NAT Masqerading, and PAT support ***	✓	✓	✓	✓	✓	✓	✓

PHYSICAL SPECIFICATIONS	LBX410	LBX420	LBX430	LBX700	LBX900	LBX2600	LBX5500
	BASIC	ADVANCED	ENTERPRISE				
Speed of network interfaces (Mbps)	100/1000	100/1000	100/1000	100/1000	100/1000	100/1000	1000/10 000
Total number of Ethernet interfaces	4	4	4	6	6	6	8
Number of Gigabit interfaces	4	4	4	6	6	6	6
Number of 10Gbps interfaces	-	-	-	-	-	-	2 Copper
Format	Tabletop	Tabletop	Tabletop	1U and tabletop	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	100~240V @ 50~60Hz	100~240V @ 50~60Hz	100~240V @ 50~60Hz	100~240V @ 50~60Hz	100~240V @ 50~60Hz	100~240V @ 50~60Hz
	14.5W	14.5W	14.5W	15W	150W	220W	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 / UL	CE / FCC / RoHS / UL	CE / FCC / RoHS / UL
Size - L, W, H (inches)	4,1 x 6,3 x 1,37	4,1 x 6,3 x 1,37	4,1 x 6,3 x 1,37	9 x 8 x 1,7	16,8 x 11 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

*: LBX400 Series includes LBX410, LBX420 and LBX430. Upgrade paths are available for LBX410 and LBX420.
 **: 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