

Elfiq Networks Link Balancer Detailed Product Matrix

Performance	LB-550B	LB-550E	LB-800E	LB-1600E	LB-2500E	LB-4000E
Incoming and outgoing traffic balancing	✓	✓	✓	✓	✓	✓
Number of ISP links*	2	3	6	16	64	320
Throughput (half duplex)*	25 Mbps	40 Mbps	240 Mbps	400 Mbps	800 Mbps total or 500 Mbps per VFI	1.2 Gbps total or 750 Mbps per VFI
Throughput (Full duplex)*	50 Mbps	80 Mbps	480 Mbps	800 Mbps	1,6 Gbps	2.4 Gbps
Number of sessions*	32 000	32 000	64 000	384 000	1 536 000	5 120 000
Number of new sessions per second*	12 000	12 000	12 000	15 000	30 000	50 000
Maximum number of Virtual Balancers (VFI)	1	1	1	1	2	5
Number of links per VFI	2	3	6	16	32	64
Number of sessions (one VFI loaded)	32 000	32 000	64 000	384 000	1 024 000	2 048 000
Ethernet Bonding support			✓	✓	✓	✓
Balancing	LB-550B	LB-550E	LB-800E	LB-1600E	LB-2500E	LB-4000E
OSI model Layer 2 operation (inline unit)	✓	✓	✓	✓	✓	✓
Number of networks (subnets) per link	1	1	4	8	64	64
Number of IDNS records (Intelligent DNS)	256	256	256	1024	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
Traffic segmentation	✓	✓	✓	✓	✓	✓
Quality of Service (QoS) rules	32	32	32	64	128	256
Internet Service Verificator	-	-	✓	✓	✓	✓
Time of Day conditions	-	✓	✓	✓	✓	✓
Intelligent Condition Verificator	-	✓	✓	✓	✓	✓
Uptime and high availability	LB-550B	LB-550E	LB-800E	LB-1600E	LB-2500E	LB-4000E
Watchdog timer	✓	✓	✓	✓	✓	✓
LAN Failsafe support	Hardware	Hardware	Hardware	Hardware	Programmable 2 pairs	Programmable 3 pairs
High availability support	-	-	✓	✓	✓	✓
Session guard (DoS protection)	✓	✓	✓	✓	✓	✓
Multimode support	-	-	✓	✓	✓	✓
SitePathMTPX Resilience	LB-550B	LB-550E	LB-800E	LB-1600E	LB-2500E	LB-4000E
SitePathMTPX support	-	✓	✓	✓	✓	✓
SitePath AES128 encryption	-	✓	✓	✓	✓	✓
Maximum number of site paths	-	4	8	32	256	512
Maximum number of site path groups	-	1	2	8	64	128

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Geolink Geographic balancing	LB-550B	LB-550E	LB-800E	LB-1600E	LB-2500E	LB-4000E
Geolink option	-	-	-	✓	✓	✓
Geolink mode	-	-	-	Inbound	Global and Inbound	Global and Inbound
Maximum number of remote sites	-	-	-	2	4	4
Networking features	LB-550B	LB-550E	LB-800E	LB-1600E	LB-2500E	LB-4000E
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	✓	✓	✓	✓	✓	✓
Management	LB-550B	LB-550E	LB-800E	LB-1600E	LB-2500E	LB-4000E
Web-based management and reporting	✓	✓	✓	✓	✓	✓
Console command line interface (CLI)	✓	✓	✓	✓	✓	✓
Windows (GUI) management tool	✓	✓	✓	✓	✓	✓
Alert support (syslog, SMTP, SNMP)	✓	✓	✓	✓	✓	✓
Secure remote access	✓	✓	✓	✓	✓	✓
XML based external API	✓	✓	✓	✓	✓	✓
SNMP MIB II support	✓	✓	✓	✓	✓	✓
Dedicated management port	✓	✓	✓	✓	✓	✓
Physical specifications	LB-550B	LB-550E	LB-800E	LB-1600E	LB-2500E	LB-4000E
Speed of network interfaces (Mbps)	10 / 100	10 / 100	10 / 100 / 1000	10 / 100 / 1000	10 / 100 / 1000	10 / 100 / 1000
Total number of Ethernet interfaces	4	4	5	5	8	10
Number of Gigabit interfaces	0	0	4	4	4	8 Copper, 2 SFP
Format	1U and tabletop	1U and tabletop	1U and tabletop	1U and tabletop	Rackmount 1U	Rackmount 1U
Automatic backup of configuration on Flash	✓	✓	✓	✓	✓	✓
No moving parts design	✓	✓	✓	✓	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
	25W	25W	25W	25W	150W	350W
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
Certifications	CE / FCC / RoHS	CE / FCC / RoHS	CE / FCC / RoHS	CE / FCC / RoHS	CE / FCC / RoHS	CE / FCC / RoHS
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	10,75 x 7 x 1,7	16,8 x 9 x 1,7	16,8 x 18 x 1,7
Hardware warranty	12 months	12 months	12 months	12 months	12 months	12 months

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