

ELFIQ NETWORKS LINK BALANCER DETAILED PRODUCT MATRIX

| PERFORMANCE | LB-800B | LB-800E | LBX400 | LBX700 | LBX900 | LBX2600 | LBX5500 |
|--|---------|---------|---------|---------|---------|-----------|-----------|
| Incoming and outgoing traffic balancing | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Number of ISP links* | 4 | 8 | 6 | 10 | 16 | 64 | 256 |
| Throughput half duplex* (upload or download) | 100Mbps | 250Mbps | 150Mbps | 300Mbps | 500Mbps | 1Gbps | 6Gbps |
| Throughput full duplex* (upload and download combined) | 180Mbps | 400Mbps | 300Mbps | 600Mbps | 800Mbps | 2Gbps | 12Gbps |
| Number of sessions* | 32 000 | 128 000 | 128 000 | 256 000 | 512 000 | 1 536 000 | 4 096 000 |
| Maximum number of Link Balancer instances (VFI) | 1 | 1 | 2 | 2 | 2 | 2 | 4 |
| Number of links per VFI | 4 | 8 | 3 | 5 | 8 | 32 | 64 |
| Number of 3G/4G USB Mobile Sticks | 4 | 8 | 6 | 10 | 16 | 16 | 16 |
| Ethernet Bonding support | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Support for 100Mbps+ download capacity ISP services | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Future IPv6 support option | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| BALANCING | LB-800B | LB-800E | LBX400 | LBX700 | LBX900 | LBX2600 | LBX5500 |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| OSI model Layer 2 operation (inline unit) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Number of networks (subnets) per link | 4 | 4 | 4 | 16 | 4 | 64 | 64 |
| Number of IDNS records (Intelligent DNS) | 256 | 256 | 256 | 256 | 256 | 65 536 | 65 536 |
| Persistent session management | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Real time balancing mode | NAT / TAG / 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 | 32 | 128 | 256 |
| Internet Service Vericator | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Time of Day conditions | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Intelligent Condition Vericator | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| FLEX MULTIPATH ROUTING (FMR) AND VPN | LB-800B | LB-800E | LBX400 | LBX700 | LBX900 | LBX2600 | LBX5500 |
|--------------------------------------|---------|---------|-----------|-----------|-----------|-----------|-----------|
| FMR Sites | - | - | Up to 512 | Up to 512 | Up to 512 | Up to 512 | Up to 512 |
| FMR Links | - | - | 3 | 5 | 8 | 8 | 8 |
| VPN instances | - | - | 2 | 2 | 4 | 8 | 8 |
| Tunnels per instance | - | - | 10 | 25 | 32 | 64 | 512 |
| VPN Throughput | - | - | 100Mbps | 100Mbps | 100Mbps | 530Mbps | 650Mbps |

| UPTIME AND HIGH AVAILABILITY | LB-800B | LB-800E | LBX400 | LBX700 | LBX900 | LBX2600 | LBX5500 |
|--|----------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Watchdog timer | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| LAN Failsafe support | Hardware | 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 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| ELFIQ APP OPTIMIZER OPTION (LAYER-7 DPI) | LB-800B | LB-800E | LBX400 | LBX700 | LBX900 | LBX2600 | LBX5500 |
|--|---------|---------|--------|--------|--------|---------|---------|
| App Optimizer supported | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| SITEPATHMTPX RESILIENCE | LB-800B | LB-800E | LBX400 | LBX700 | LBX900 | LBX2600 | LBX5500 |
|------------------------------------|---------|---------|--------|--------|--------|---------|---------|
| SitePathMTPX support ** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SitePath AES128 encryption | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Maximum number of site paths | 16 | 64 | 8 | 16 | 64 | 512 | 2048 |
| Maximum number of site path groups | 2 | 8 | 1 | 2 | 8 | 64 | 512 |

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| GEOLINK GEOGRAPHIC BALANCING | LB-800B | LB-800E | LBX400 | LBX700 | LBX900 | LBX2600 | LBX5500 |
|--------------------------------|---------|-----------------|----------------|----------------|----------------|----------------|----------------|
| Geolink option | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Geolink mode | - | Inbound Geolink | Global Geolink | Global Geolink | Global Geolink | Global Geolink | Global Geolink |
| Maximum number of remote sites | - | 2 | 2 | 2 | 2 | 4 | 4 |

| NETWORKING FEATURES | LB-800B | LB-800E | LBX400 | LBX700 | LBX900 | 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-800B | LB-800E | LBX400 | LBX700 | LBX900 | 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-800B | LB-800E | LBX400 | LBX700 | LBX900 | LBX2600 | LBX5500 |
|-------------------------------------|---------------------------|---------------------------|-----------------------------|---------------------------|---------------------------|----------------------------|--|
| 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 | 5 | 5 | 4 | 6 | 6 | 6 | 8 |
| Number of Gigabit interfaces | 4 | 4 | 4 | 6 | 6 | 6 | 6 |
| Number of 10Gbps interfaces | - | - | - | - | - | - | 2 Copper |
| Format | 1U and tabletop | 1U and 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 25W | 100~240V @ 50~60Hz 25W | 100~240V @ 50~60Hz 14.5W | 100~240V @ 50~60Hz 15W | 100~240V @ 50~60Hz 15W | 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 / UL | 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 | 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 |

*: 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.

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