

## LBX1200 SERIES

# Powerful and Flexible Solutions to Manage Bandwidth and Performance

Using ELFIQ's exclusive Layer-2 design, the LBX1200 Series provides your organization with the ultimate bandwidth management tool that ensures your company never loses its Internet connection and provides you full bandwidth control. Market proven business continuity solutions for Enterprises and the Public Sector.

The LBX1200 Series includes three models, the LBX1210, LBX1220, and LBX1230, with active features according to model specifications.

Customers can protect their investment by upgrading their new LBX1210 and LB1220 devices to higher levels of performance. This structure gives small and medium businesses the option to upgrade the device or even deploy it as a multi-site SD-WAN or Hybrid WAN solution.

The LBX1230 can manage and link load balance up to 32 ISP or private links with a total throughput of 1500 Mbps to ensure maximum uptime and added performance.

## Features



Throughput of Up To 1.5Gbps With The LBX1230



Supports Up To 32 ISPs



Supports Up To 512 SSL VPN Tunnels



Up To 2 Upgrade Paths Available

**ELFIQ by Adaptiv Networks**

Contact us today to find a certified ELFIQ solution provider

[sales@adaptiv-networks.com](mailto:sales@adaptiv-networks.com)  
[adaptiv-networks.com](http://adaptiv-networks.com)

## LBX1200 SERIES PRODUCTS

Performance	LBX1210	LBX1220	LBX1230
Maximum throughput <sup>1</sup> (upload and download combined)	1Gbps	1Gbps	2Gbps
Number of sessions <sup>4</sup>	256,000	512,000	512,000
Number of ISP/Links <sup>4</sup>	16	24	32
Number of 3G/4G/LTE USB Links	16	16	16
Maximum Number of Link Balancer Instances (VFI)	1	2	2
Outgoing Traffic Balancing	●	●	●
Incoming Traffic Balancing		●	●

## Features

	LBX1210	LBX1220	LBX1230
<b>LINK BALANCING</b>			
OSI Model Layer 2 Operation (Inline Unit)	●	●	●
Persistent Session Management	●	●	●
Number of Networks (Subnets) Per Link	32	32	32
Number of IDNS Records (Intelligent DNS)		1024	4095
Real Time Balancing Mode	NAT	NAT / TAG / PREF	NAT / TAG / PREF
Lan Failsafe Support	Programmable, 2 pairs	Programmable, 2 pairs	Programmable, 2 pairs

## TRAFFIC SHAPING & BANDWIDTH MANAGEMENT

App Optimizer for Deep-Packet Inspection (Option)	●	●	●
Quality of Service (QoS) Rules <sup>5</sup>	16	32	64

## SITE-TO-SITE APPLICATION ACCELERATION

Sitepathmtpx Supported <sup>5</sup>		●	●
Sitepath AES128 Encryption		●	●
Maximum Number of Sites		8	16
Maximum Number of Paths		64	128

## GEOGRAPHIC BALANCING (POWERED BY GEOLINK)

Global Geolink option		●	●
Maximum Number of Remote Sites		8	10

## LBX1200 SERIES PRODUCTS

### HYBRID WAN (POWERED BY FMR)

Remote Sites Supported	Up to 50	Up to 512
FMR Links	8	8
VPN Instances	4	8
Tunnels per Instance	32	64
VPN Throughput <sup>6</sup>	300Mbps	300Mbps

### ADDITIONAL BALANCING FEATURES

Internal Service Verification	●	●	●
Time of Day Conditions	●	●	●
Intelligent Condition Verificator	●	●	●

### Hardware

	LBX1210	LBX1220	LBX1230
Number of 10/100/1000 Copper Interfaces	6	6	6
Number of 10Gbps Copper Interfaces			
Number of 10Gbps Fiber Interfaces with SFP+ Adaptor Module (Option)			
Rackmount	1U	1U	1U
No Moving Parts Design	Fan only	Fan only	Fan only
LCD Display	Yes	Yes	Yes
Power Requirements	100~240V @ 50~60Hz 250W	100~240V @ 50~60Hz 250W	100~240V @ 50~60Hz 250W
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C
Certifications	CE / FCC / UL	CE / FCC / UL	CE / FCC / UL
Size - W, L, H (Inches)	16.8 x 12 x 1.7	16.8 x 12 x 1.7	16.8 x 12 x 1.7
Size - W, L, H (mm)	430 x 305 x 44	430 x 305 x 44	430 x 305 x 44
Hardware Warranty	12 months	12 months	12 months

1. Values reflect the guaranteed throughput that can be managed by the device for link balancing purpose.
2. Throughput can be achieved through the use of LAG + LACP(802.3AD).
3. To achieve this level of throughput, the end-user must use at least 2 VFIs and/or bond multiple ISP links together.
4. Includes the total capacity of all Virtual Forwarding Interfaces (VFIs).
5. Some values listed in our specification matrix (including Throughput, Number of Sessions per second or Total Number of Sessions) should be considered "peak" values.
6. VPN throughput capacity is calculated based on the processing power of the according LBX Series.

- All Platforms Support Ethernet Bonding And IPv6 Interconnectivity.
- All Platforms Are Built With The Following Features: Watchdog Timer and Session Guard (DoS protection).
- All Platforms Support The Following Uptime-Related Features: High availability deployments; Multimode.
- All Platforms Support: DHCP and PPPoE; Dynamic MTU/MSS; 802.1Q (Vlan); Real time filtering (shunning); NAT, Block NAT, NAT Masquerading and PAT; and come equipped with a built-in probe.