

# ELFIQ

By Adaptiv Networks

## E-60 SERIES LINK BALANCERS

# Powerful and Flexible Solutions to Manage Bandwidth and Performance

The ELFIQ E60 Series by Adaptiv Networks 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 E-60 Series includes three licences, the E60-1000, E60-1500 and E60-2000, with active features according to model specifications.

Customers can protect their investment by upgrading their new E60-1000 and E60-1500 licenses 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 E60-2000 can manage and link load balance up to 32 ISP or private links with a total throughput of 2000 Mbps to ensure maximum uptime and added performance.

## ELFIQ by Adaptiv Networks

Contact us today to find a certified ELFIQ solution provider

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



## E-60 Features



**Throughput Up To 2Gbps with the E60-2000**



**Up To 32 ISP or Private Links**



**Deploy Individually or in a SD-WAN**



**Protect Your Investment With Scalable Performance Levels**

**PERFORMANCE**

	<b>E60-1000</b>	<b>E60-1500</b>	<b>E60-2000</b>
Maximum throughput <sup>1</sup> (upload and download combined)	1Gbps	1.5Gbps	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**

	<b>E60-1000</b>	<b>E60-1500</b>	<b>E60-2000</b>
<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)	512	1024	4095
Real Time Balancing Mode	NAT/TAG/PREF	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	6	8	10
Maximum Number of Paths	64	96	128

**GEOGRAPHIC BALANCING (POWERED BY GEOLINK)**

Global Geolink option	●	●	●
Maximum Number of Remote Sites	6	8	10

**HYBRID WAN (POWERED BY FMR)**

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

**ADDITIONAL BALANCING FEATURES**

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

**HARDWARE**

	<b>E60-1000</b>	<b>E60-1500</b>	<b>E60-2000</b>
Number of 10/100/1000 Copper Interfaces	6	6	6
LTE Modem Inside	1	1	1
Rackmount	Desktop (Mounting brackets available)	Desktop (Mounting brackets available)	Desktop (Mounting brackets available)
No Moving Parts Design	Fan only	Fan only	Fan only
LCD Display	No	No	No
Power Requirements	12V DC Power in connector	12V DC Power in connector	12V DC Power in connector
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C
Certifications	FCC/CE	FCC/CE	FCC/CE
Size - W, L, H (Inches)	8.66" x 4.13" x 1.73"	8.66" x 4.13" x 1.73"	8.66" x 4.13" x 1.73"
Size - W, L, H (mm)	220mm x 105mm x 44mm	220mm x 105mm x 44mm	220mm x 105mm x 44mm
Hardware Warranty	12 months	12 months	12 months
Underlying Appliance	FWS-2360	FWS-2360	FWS-2360

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.
- 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.