ELFIQ
By Adaptiv Networks

E-80 SERIES LINK BALANCERS

Powerful and Flexible Solutions to Manage Bandwidth and Performance

The ELFIQ E-80 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-80 Series includes four licences, the E80-2000, E80-3000, E80-4000 and E80-6000, with active features according to model specifications. Customers can protect their investment by upgrading their new E80-2000, E80-3000 and E80-4000 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 E80-6000 can manage and link load balance up to 48 ISP or private links with a total throughput of 6000 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 | sales@adaptiv-networks.com

E-80 Features

Throughput Up To 6Gbps with the E80-6000

Up To 48 ISP or Private Links

Deploy Individually or in a SD-WAN

Protect Your Investment With Scalable Performance Levels

PERFORMANCE	E80-2000	E80-3000	E80-4000	E80-6000
Maximum throughput [1] (upload and download combined)	2Gbps	3Gbps	4Gbps	6Gbps
Number of sessions [4]	512,000	1,024,000	1,536,000	2,048,000
Number of ISP/Links [4]	32	36	42	48
Number of 3G/4G/LTE USB Links	16	16	16	16
Maximum Number of Link Balancer Instances (VFI)	2	2	2	2
Outgoing Traffic Balancing	●	●	●	●
Incoming Traffic Balancing	●	●	●	●

LINK BALANCING FEATURES	E80-2000	E80-3000	E80-4000	E80-6000
OSI Model Layer 2 Operation (Inline Unit)	●	●	●	●
Persistent Session Management	●	●	●	●
Number of Networks (Subnets) Per Link	32	32	32	32
Number of IDNS Records (Intelligent DNS)	4,095	8,190	12,285	16,380
Real Time Balancing Mode	NAT/TAG/PREF	NAT/TAG/PREF	NAT/TAG/PREF	NAT/TAG/PREF

TRAFFIC SHAPING & BANDWIDTH MANAGEMENT	E80-2000	E80-3000	E80-4000	E80-6000
App Optimizer for Deep-Packet Inspection (Option)	●	●	●	●
Quality of Service (QoS) Rules [5]	64	64	64	64

SITE-TO-SITE APPLICATION ACCELERATION	E80-2000	E80-3000	E80-4000	E80-6000
Sitepathmtpx Supported [5]	●	●	●	●
Sitepath AES128 Encryption	●	●	●	●
Maximum Number of Sites	8	10	16	24
Maximum Number of Paths	96	128	162	196

GEOGRAPHIC BALANCING (POWERED BY GEOLINK)	E80-2000	E80-3000	E80-4000	E80-6000
Global Geolink option	●	●	●	●
Maximum Number of Remote Sites	10	10	12	12

HYBRID WAN (POWERED BY FMR)

	E80-2000	E80-3000	E80-4000	E80-6000
Remote Sites Supported	Up to 64	Up to 64	Up to 512	Up to 512
FMR Links	8	8	8	8
VPN Instances	8	8	8	8
Tunnels per Instance	64	64	64	64
VPN Throughphut [6]	1Gbps	1Gbps	1Gbps	1Gbps

ADDITIONAL BALANCING FEATURES

	E80-2000	E80-3000	E80-4000	E80-6000
Internal Service Verification	●	●	●	●
Time of Day Conditions	●	●	●	●
Intelligent Condition Verificator	●	●	●	●

HARDWARE

- Number of Gbe RJ45 Interfaces: 6
- Number of SFP+ Interfaces: 2
- CPU: Intel Denverton
- Memory: 8GB DDR4
- Embedded Cellular Modem: Optional
- Console: RJ45
- Form Factor: Desktop/Rack
- Power supply: 100~240V@50~60 Hz
- Power load (max): 60W 5A/12V PSU

- Operating temperature: 0C~40C (32F~104F)
- Storage temperature: -20C~70C (-4F~158F)
- Operating humidity: 5~90%
- Storage humidity: 5%~95%
- Certifications: RoHS, CE/FCC Class B, UL
- Size - W, L, H (mm): 231x200x44
- Hardware warranty: 12 months
- Underlying Appliance: NCA-1516

(The E-80 Series is currently in pre-commercialization, and specifications are subject to change before launch.)

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.