

EDGE SERIES FOR SD-WAN

Smarter, More Powerful Branch Networks with Lower Operating Costs

With fast, zero-touch provisioning and cloud management through our ELFIQ Central cloud portal, the EDGE Series combines power and performance into a cost-effective scalable SD-WAN solution.

The EDGE Series is compatible with Gigabit links delivered over SFP circuits. Additionally, ELFIQ EDGE Series solutions offer LTE/4G/5G cellular connectivity through embedded cellular modems, providing a more reliable failover option.

The EDGE Series, along with the CORE Series, offers the flexibility to build powerful, secure and efficient hybrid SD-WAN and hybrid cloud networks.

EDGE Series devices offer multiple performance packages with advanced features to optimize user quality of experience, VPN acceleration and security.

A lighter EDGE model is also available for environments not requiring mobile connectivity.

Features



Compatible With SFP Links



Embedded Cellular Modem (LTE/4G/3G)



Zero-Touch Provisioning Via ELFIQ Central

ELFIQ by Adaptiv Networks

Contact us today to find a certified ELFIQ solution provider

sales@adaptiv-networks.com
adaptiv-networks.com

TECHNICAL SPECIFICATIONS

Performance	EDGE-100	EDGE-200	EDGE-500	EDGE-1G
Maximum Supported ¹ (upload and download combined, Quantum packs included)	100Mbps	200Mbps	500Mbps	1Gbps
Number of Sessions ⁴	64,000	128,000	256,000	512,000
Number of 3G/4G/LTE USB Links ⁵	2	4	8	12
Number of ISP/Links ⁴	2	4	8	12
Outgoing Traffic Balancing	●	●	●	●
Incoming Traffic Balancing	●	●	●	●

Features	EDGE-100	EDGE-200	EDGE-500	EDGE-1G
LINK BALANCING				
OSI Model Layer 2 Operation (Inline Unit)	●	●	●	●
Persistent Session Management	●	●	●	●
Number of Networks (Subnets) Per Link	4	8	12	16
Number of IDNS Records (Intelligent DNS)	16	32	128	256
Real Time Balancing Mode	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF	NAT / TAG / PREF
Lan Failsafe Support	Programmable, 2 pairs	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 ¹¹	8	16	32	64

SITE-TO-SITE APPLICATION ACCELERATION

Sitepathmtpx Supported ¹¹	●	●	●	●
Sitepath AES128 Encryption	●	●	●	●
Maximum Number of Sites	2	4	8	16
Maximum Number of Paths	16	32	64	128

GEOGRAPHIC BALANCING (POWERED BY GEOLINK)

Global Geolink option	●	●	●	●
Maximum Number of Remote Sites	2	4	6	8

TECHNICAL SPECIFICATIONS

HYBRID WAN (POWERED BY FMR)

Remote Sites Supported	Up to 64	Up to 64	Up to 512	Up to 512
FMR Links	3	4	5	6
VPN Instances	1	1	2	2
Tunnels per Instance	8	16	32	64
VPN Throughput with SSL VPN ¹²	100Mbps	100Mbps	200Mbps	300Mbps
VPN Throughput with STREAM VPN ¹²	100Mbps	200Mbps	500Mbps	1Gbps

ADDITIONAL BALANCING FEATURES

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

Hardware

	EDGE-100	EDGE-200	EDGE-500	EDGE-1G
Number of 10/100/1000 Copper Interfaces	4	4	4	4
Number of 10Gbps Copper Interfaces	2	2	2	2
Embedded Cellular Modem (North America)	1	1	1	1
Form Factor	Tabletop	Tabletop	Tabletop	Tabletop
No moving parts design	Yes	Yes	Yes	Yes
Power requirements	12V DC Power in connector	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	0°C to 40°C
Certifications	CE/FCC Class A, UL, WEEE	CE/FCC Class A, UL, WEEE	CE/FCC Class A, UL, WEEE	CE/FCC Class A, UL, WEEE
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	8.66 x 4.13 x 1.73
Size - W, L, H (mm)	220 x 105 x 44	220 x 105 x 44	220 x 105 x 44	220 x 105 x 44
Hardware warranty	12 months	13 months	14 months	15 months

1. Values reflect the guaranteed throughput that can be managed by the device for link balancing purpose.

4. Includes the total capacity of all Virtual Forwarding Interfaces (VFIs).

5. EDGE Lite devices (which do not have 3G/4G/LTE modems built-in) are also available. The 3G/4G/LTE modems and components can be added at any time as an upgrade. Note that the Edge Lite is still compatible with USB modems.

11. Some values listed in our specification matrix (including Throughput, Number of Sessions per second or Total Number of Sessions) should be considered “peak” values.

12. VPN throughput capacity is calculated based on the processing power of the according hardware 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.