

ELFIQ

By Adaptiv Networks

CORE SERIES LINK BALANCERS

Powerful and Flexible Enterprise SD-WAN for Cloud Networks and Data Centers

The CORE Series includes a rich enterprise SD-WAN feature set and can combine up to 128 circuits to deliver up to 20Gbps of throughput making them among the most powerful WAN edge devices on the market.

With its robust build and unparalleled performance, it's perfect for data centers, recovery sites, headquarters, or any environments requiring high throughput. Deployed and managed through the ELFIQ Central cloud-based orchestrator, the CORE Series can be integrated seamlessly in any client environment to deliver a powerful SD-WAN with zero-touch provisioning, monitoring and management to guarantee a fast return on investment.

The CORE Series addresses multiple issues facing enterprises around the world and offers multiple performance packages with advanced features to optimize user quality of experience, VPN acceleration and security.

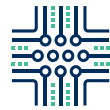
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Contact us today to find a certified ELFIQ solution provider

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Core Series Features



Compatible With 10Gbps Circuits



Equipped With Two Bypasses



Compatible With SFP+ Links



Zero-Touch Provisioning Via ELFIQ Central

PERFORMANCE	CORE-3	CORE-6	CORE-10	CORE-20
Maximum Supported ¹ (upload and download combined, Quantum packs included)	3Gbps	6Gbps	10Gbps	20Gbps
Number of Sessions ²	1,024,000	2,048,000	3,072,000	4,096,000
Number of 3G/4G/LTE USB Links	16	16	16	16
Number of ISP/Links ²	32	48	64	128
Outgoing Traffic Balancing	●	●	●	●
Incoming Traffic Balancing	●	●	●	●

FEATURES	CORE-3	CORE-6	CORE-10	CORE-20
LINK BALANCING				
OSI Model Layer 2 Operation (Inline Unit)	●	●	●	●
Persistent Session Management	●	●	●	●
Number of Networks (Subnets) Per Link	32	32	64	64
Number of IDNS Records (Intelligent DNS)	8,190	16,380	32,760	32,760
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 ³	64	96	128	256

SITE-TO-SITE APPLICATION ACCELERATION

Sitepathmtpx Supported ³	●	●	●	●
Sitepath AES128 Encryption	●	●	●	●
Maximum Number of Sites	16	24	32	64
Maximum Number of Paths	128	196	256	512

GEOGRAPHIC BALANCING (POWERED BY GEOLINK)

Global Geolink option	●	●	●	●
Maximum Number of Remote Sites	10	12	14	16

HYBRID WAN (POWERED BY FMR)

Remote Sites Supported	Up to 64	Up to 64	Up to 512	Up to 512
FMR Links	8	8	8	8
VPN Instances with SSL VPN	8	8	8	8
Tunnels per Instance	64	64	64	64
VPN Throughput with SSL VPN ⁴	1Gbps	1Gbps	1Gbps	1Gbps
VPN Throughput with STREAM VPN ⁴	3Gbps	6Gbps	10Gbps	20Gbps

ADDITIONAL BALANCING FEATURES

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

HARDWARE

	Core Series	Core Series (Dual PSU) ⁵
Number Of 10/100/1000 Copper Interfaces	6	8
Number Of SFP Sockets	2	8
Number Of SFP+ Sockets	2	4
Number Of SFP28 Sockets	-	4 (Optional)
LAN Bypass	2 pairs	4 pairs
Form Factor	1U	1U
No Moving Parts Design	Fan only	Fan only
Dual Power Supply	-	Hot-Swappable
Power Requirements	90-264V, @47-63Hz 220W	100~240AC, @50-60Hz 350W
Temperature	0~40°C Operation -20~70°C Non-Operating	0~40°C Operation -40~70°C Non-Operating
Certifications	RoHS, CE/FCC Class A, UL	RoHS, CE/FCC Class A, UL
Size - W, L, H (Inches)	17.24 x 12.64 x 1.73	17.24 x 18.43 x 1.73
Size - W, L, H (Mm)	438 x 321 x 44	438 x 468 x 44
Hardware Warranty	12 months	12 months
Underlying Hardware	NCA-4210XXX	NCA-5230XXX

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

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

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

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

5. Cores Series with dual PSU is delivered with a different hardware platform. Limited availability. Please contact Adaptiv Networks for more information.

- 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.