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.

ELFIQ by Adaptiv Networks

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[4]	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[4]	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 [11]	64	96	128	256
SITE-TO-SITE APPLICATION ACCELERATION				
Sitepathmtpx Supported [11]	●	●	●	●
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 Throughphut with SSL VPN [12]	1Gbps	1Gbps	1Gbps	1Gbps
VPN Throughphut with STREAM VPN [12]	3Gbps	6Gbps	10Gbps	20Gbps

ADDITIONAL BALANCING FEATURES

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

HARDWARE	CORE-3	CORE-6	CORE-10	CORE-20
Number of 10/100/1000 Copper Interfaces	6	6	6	6
Number of 1Gbps SFP Sockets	2	2	2	2
Number of 10Gbps SFP+ Sockets	2	2	2	2
Form Factor	1U	1U	1U	1U
No Moving Parts Design	Fan only	Fan only	Fan only	Fan only
Power Requirements	90~264V @47~63 Hz 220W	90~264V @47~63 Hz 220W	90~264V @47~63 Hz 220W	90~264V @47~63 Hz 220W
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Certifications	RoHS, CE/FCC Class A, UL	RoHS, CE/FCC Class A, UL	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 12.64 x 1.73	17.24 x 12.64 x 1.73	17.24 x 12.64 x 1.73
Size - W, L, H (Mm)	438 x 321 x 44	438 x 321 x 44	438 x 321 x 44	438 x 321 x 44
Hardware Warranty	12 months	12 months	12 months	12 months
Underlying Appliance	NCA-4210B	NCA-4210B	NCA-4210B	NCA-4210B

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).

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.
- 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.