AireSpring Cisco Meraki SD-WAN with Integrated Next-Generation Firewall

SD-WAN with security in a single cloud managed appliance

Simplified Management

- Built-in centralized management through web-based dashboard
- Client fingerprinting and industry-leading application with traffic visibility provide network insights
- Identity-based filtering rules and application bandwidth management provide support
- Self-provisioning automatically downloads policies and configurations from the cloud
- Auto VPN connects remote sites securely, without administrator intervention

Security, Reliability, Speed

- Auto VPN, smart traffic load balancing, link aggregation, and failover ensure reliability
- Sourcefire SNORT intrusion detection system (IDS), intrusion prevention (IPS), and Kaspersky anti-virus/antiphishing protect the network
- Content Filtering (85+ categories) blocks unwanted content
- Web caching dramatically accelerates frequently accessed content

SMALL BRANCH		
MX68		
Firewall throughput		
450 Mbps		
Max throughput with all security features enabled		
300 Mbps		
VPN throughput		
200 Mbps		
Recommended maximum clients		
50		
Interfaces		
WAN Interfaces 2 × GbE (RJ45) 1 × USB (cellular failover) **LAN Interfaces** 10 × GbE (RJ45) (2 × PoE+)		

MEDIUM BRANCH	
MX84	**MX100**
Firewall throughput	
500 Mbps	750 Mbps
Max throughput with all security features enabled	
320 Mbps	650 Mbps
VPN throughput	
250 Mbps	500 Mbps
Recommended maximum clients	
200	500
Interfaces	
WAN Interfaces 2 × GbE (RJ45) 1 × USB (cellular failover) **LAN Interfaces** 8 × GbE (RJ45) 2 × GbE (SFP)	**WAN Interfaces:** 1 × GbE (RJ45) 1 × USB (cellular failover) **LAN Interfaces** 8 × GbE 2 × GbE (SFP)

LARGE BRANCH	
MX250	**MX450**
Firewall throughput	
4 Gbps	6 Gbps
Max throughput with all security features enabled	
2 Gbps	4 Gbps
VPN throughput	
1 Gbps	2 Gbps
Recommended maximum clients	
2,000	10,000
Interfaces	
WAN Interfaces 2 × 10GbE (SFP+) 1 × USB (cellular failover) **LAN Interfaces** 8 × GbE (RJ45) 8 × GbE (SFP) 8 × 10GbE (SFP+)	**WAN Interfaces** 2 × 10GbE (SFP+) 1 × USB (cellular failover) **LAN Interfaces** 8 × GbE (RJ45) 8 × GbE (SFP) 8 × 10GbE (SFP+)

KEY FEATURES & FUNCTIONALITIES	BENEFITS	AireSpring Cisco Meraki SD-WAN with Firewall
AireSpring White Glove SD-WAN Professional Services	• Includes implementation design and engineering. We will design (pre-sales), deploy (provisioning) and support (customer service/NOC) your SD-WAN solution at no additional cost. • Plus, we provide branch deployment support via pre-configuration of SD-WAN edge boxes.	✓
Free Network Monitoring 24/7/365	• 24/7/365 real-time monitoring by the AireSpring Network Operations Center (NOC), using AireNMS. • Proactive ticket initiation, management and resolution by AireSpring NOC in the event of a network alert.	✓
Free 3rd Party Circuit Support	• AireSpring will proactively open repair tickets on behalf of customers for their non-AireSpring, internet-only circuits. Not offered by many vendors. Only available at a premium cost by the few that do.	✓
Free Read and Write Access	• Free Read and Write Access to Cisco-Meraki Dashboard provided (notification required when ordered).	✓
WAN Failover	• Every Appliance supports multiple WAN uplinks with seamless, automatic failover for protection against connection outages. • Optional HA warm spare failover ensures the integrity of service at the appliance level. In the event an appliance goes offline, a secondary device will automatically take over.	✓
3G/4G Failover	• Traffic will be redirected to a 3G/4G interface in the event of a connectivity failure. • Requires existing circuit or new 3G/4G circuit (sold separately).	✓
Advanced Firewall and Unified Threat Management (UTM)	• Next-Generation Managed Firewall with UTM features such as Intrusion Detection & Prevention, URL Filtering, Anti-virus, Anti-Phishing and Advanced Malware Protection. • Comprehensive, multi-layered security that safeguards your network and data assets against viruses, malware and emerging cyber threats. • Control outbound and inter-network traffic using firewall rules.	✓
Maximum WAN Links	• 2 up links supported. Traffic distribution over multiple pathways (internet, cellular), with built-in load balancing and automatic failover capabilities.	2
IPsec Virtual Private Networking (VPN)	• Provides the ability to quickly interconnect locations over inexpensive broadband circuits.	✓
Traffic Shaping	• Provides the ability to prioritize network traffic so that heavy-use applications or those requiring a significant amount of bandwidth to operate do not impact other users on the network.	✓
Per Flow Load Balancing	• Rule-based per flow load balancing. Packets of the same flow go over the same link.	✓

AireSpring has received numerous industry awards for "Product of the Year," "Best Telecom Deal," "Members Choice Top Reseller," "Best in Show," and "Top Channel Program."

Ready to find out more? Contact us at 888-389-2899, email sales@airespring.com, or visit our website at www.airespring.com

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