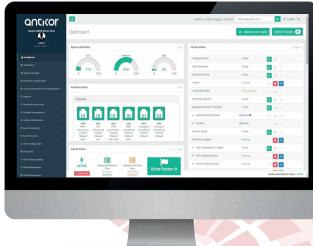
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### **EPA-NGFW-M150 Series** Next Generation Firewall





The Antikor Integrated Cyber Security System EPA-NGFW-M150 Series Next-Generation Firewalls (NGFW) is a product that ensures the security of Micro SME networks with advanced security functions. It incorporates a Policy/Section Structure, Virtual Wire, Online and Offline Updates, IPsec VTI and TS Mode, HTTP API, and many other advanced features. It comes with all these features enabled out of the box and does not require a license.

#### Security

The Antikor NGFW product ensures the security of your network with advanced security functions. It provides maximum security through an Independent Management Port (reserved processor, separate Control Plane and Data Plane) and an Independent Cluster Port.

#### Performance

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While executing security functions, it operates your network with maximum performance. Thanks to its robust network stack, it easily and efficiently meets the security and network needs of your enterprise network.

#### Network

The Antikor NGFW product provides high-performance solutions with rich network features ranging from Layer 2 to Layer 7. It ensures full compatibility with your network through configuration flexibility. It strengthens your network with its security functions, enhancing overall network security.

#### Management

You can centrally manage the Antikor NGFW products deployed in your organization through Centralized Firewall Management (CFWM). It allows you to gather logs from multiple devices and perform centralized logging (CLM), enabling you to query and analyze the collected logs from a single point.

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## Unified Cyber Security System

### **EPA-NGFW-M150 Series**

# **Product Specifications**



Operating Modes
OSI Layer 2 Transparent
OSI Layer 3 Routing + Stealth Mode
Virtual Wire
Routing
IPv4 / IPv6 Static Routing
Policy Based Routing (PBR)
OSPF - Open Shortest Path First Protocol
BGP - Border Gateway Protocol
RIP / RIPng - Routing Information Protocol
PIM SM/SSM IGMP v2/v3 Multicast Routing
Routing Monitor
Network Interface Specifications
Loopback Interface, IEEE 802.1Q VLAN support
Link Aggregation:
LACP, Failover, Load Balance, Round Robin
Bridging / STP / Ethernet Bypass
Virtual Extensible LAN (VXLAN)
NAT64, IPv6 6to4 Tunneling
Static ARP
PPP ve PPPoE Connection Interface
3G/4G/LTE Modem Support
Security Specifications
Zone Based Firewall
Application Security (AppID)
Honeypot Trapping
Traffic Rate Limiting
Multi-Policy, Section and Profile Support
Time Based Security Policy Management
IPS - Intrusion Detection and Prevention
SPI - Statefull Packet Inspection
DPI - Deep Packet Inspection
http / https Web Filtering (SNI / DPI)
DNS Query Filtering
Intf. Base Anti Spoof(Symmetrical and Asymmetric
MAC Based Quarantine
MAC - IP Matching Control
ARP Poisoning Protection
Flood Intrusion Prevention
Anti Botnet
Gateway Anti Virüs / Anti Malware ***
SSH Inspection
DoS Prevention - Connection Limiting
XFF Scan - Trusted Proxy Servers
Service Based Timeout Control
Email Security
Gateway Antispam ***
Anti Virus / Anti Malware ***
Email Rate Limiting
RBL, MX, SPF, DKIM, DMARC Check
Email Quarantine
Gray Listing, Phishing Check
Category and Rule Based Filtering

VPN - Virtual Private Network
SSL VPN
Certificate Verification
User Credentials Verification (+ 2FA )
Authentication:
BLAKE2*, RSA*, SHA*, MD*, SHAKE*
Encryption:
AES*, ARIA*, CAMELLIA*, SEED*, SM4*
PPTP / L2TP VPN
IPsec VPN (Both VTI and Legacy Mode) Site to Site VPN
GRETunnelling
IPsec VPN
Encryption:
AES, CAMELIA, NULL_ENC, SERPENT, TWOFISH
Authentication:
MD5, SHA1, SHA256, SHA384, SHA512, AES
WildCard ID Support
NAT Traversal Support
PKI - Public Key Infrastructure Support
PSK - Pre Shared Key Support
Services
Live Dashboard
Automated Update System
Offline Update
Automatic Configuration Backup
DHCPv4/v6 Server, Relay and Monitor
Authenticated http/https Proxy
Antikor <sup>®</sup> Shared Management-Virtual System
QoS - Effective Bandwidth Management
Time and Quota Adjustable Hotspot(Captive)
Bandwidth Monitor
Antikor® Registry Service Antikor® Announcement Service
NetFlow Export Service RADIUS Server and Proxy
Domain Based http/https Forwarding
https SSL Offload Service SNMP v2/v3 Service
RRD Service
Number of Active Users and Bandwidth
http/https Caching Domain Based Bandwidth Limiting
Log Timestamping
TUBITAK Kamu SM - Timestamp Integration
Syclog (TCP/IIDP/TLS) supported formats:
Syslog (TCP/UDP/TLS) - supported formats; RAW, CEF, EWMM, GELF, JSON, WELF, CIM
Black Hole Service
Campus Information Service
LLDP Service
GEO-IP Service
Antikor Central Management Integration and
Antikor Center Logging Integration

Contorn Darkowson	M150
System Performance	M150
NGFW Throughput (IMIX)	150 Mbps
IPS Throughput (IMIX) ***	200 Mbps
Firewall Throughput	800 Mbps
Number of Concurrent Sessions	150.000
IPsec VPN Throughput (Total)	100 Mbps
SSL VPN Throughput (Total)	50 Mbps
Licensing	
Out of Band Cluster(HA) Support	Yok
Number of Addressable CPU Threads	4
Number of IPsec VPN Tunnels	6
Number of SSL VPN Users	20
Number of WAN / LAN / DMZ Interfaces	1/2/1
Management Interface Features	
HTML5 Responsive Web Interface	
SSL Certificate based authentication	
2FA - Two-Factor Authentication	
Customizing the Service Port	
Out of Band Management Plane	
Resource Reservation	
SSH Console	
Physical Console (Monitor, Keyboard)	
Serial Console (If exists on hardware)	
Incident Notification Service	
SMS, Email, Brower Notification	
Authentication Methods	
Mernis	
SMS	
Local User	
HTTP (API)	
LDAP	
RADIUS	
POP3 / IMAP	
SSO: Negotiate Kerberos - Active Directory	
TACACS +	
Product Certifications	
Common Criteria EAL4 +	
TRtest Product Conformity Certificate	
100% Turkish Product	
Minimum Requirements	
Min 4 Core Processor	
Min 8 GB DDR4 1600 MHz Ram	
Min 120GB Solid State Disk	
Gigabit Ethernet Card	
* Performance tests are performed with the	following hardware:
- Intel Atom Processor	
- 8 GB DDR3 1600MHz Ram	
- 4 x Intel Gigabit Ethernet Card	
** All performance values may vary depending o	n environmental
condiditions, system configuration and equipr	
*** These features require a minimum of 8 GB or	

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Category and Rule Based Filtering