



Multi-Core Appliance for Demanding Networks

Endian Firewall Macro is a high-performance unified threat management (UTM) appliance that offers high speed network protection and content inspection. Featuring the latest Intel Multi-Core Technology and advanced networking functionality, the Macro delivers a comprehensive security solution for demanding network environments. Integrated security services such as stateful inspection firewall, VPN, gateway anti-virus, anti-spam, web security and email content filtering offer granular protection in a single appliance, reducing management time and costs. Endian designed the Macro to meet the needs of Medium- and Large-Businesses requiring a highly available and powerful appliance, assuring proactive network security.

High Availability

Integrated high availability, clustering and hard disk mirroring (RAID) features ensure the maximum reliability for your network infrastructure

Load Balancing

Multiple Endian Firewalls work together to share their loadshare their load, offering enhanced scalability and processing power for large networks with high traffic loads

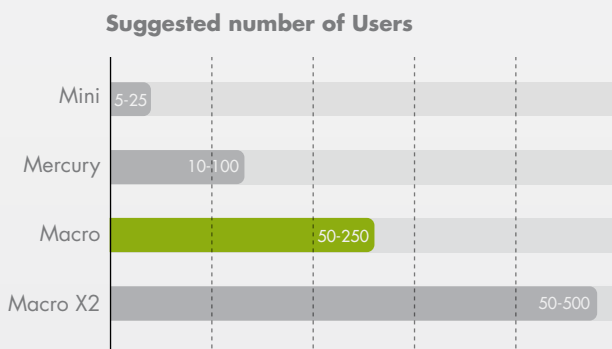
Web Content Security

The Web Content Security module provides an intelligent multi-layered content filter to restrict any undesired or harmful content.

Highlights

- **Comprehensive unified threat management** protects your entire network and optimizes traffic flows
- **High performance** with multi-core processing power and gigabit Ethernet
- **Mail and web protection** with multi-layered application level filters
- **Always up-to-date** with latest anti-spam, anti-spyware, anti-virus and content filtering services
- **Centralized management and provisioning** through Endian Network
- **Easy configuration and management** of advanced security services
- **Industrial strength hardware** offers the best reliability on the market

Product comparison



Performance

- **Suggested Users*** 50-250
- **Firewall Throughput*** 1,0 Gbps
- **Concurrent Connections*** 1.000.000
- **VPN Throughput*** 250 Mbps
- **E-Mails per day*** 100.000

* Throughput rates, Suggested Users and E-Mails/day will vary depending on environment and configuration (activated proxies, VPN connections, IDS and Application Level Filters)

Features

Network Security

- Stateful Packet Firewall
- Demilitarized Zone (DMZ)
- Intrusion Detection
- Multiple Public IPs
- Traffic Shaping
- VoIP/SIP support
- Portscan Detection
- DoS and DDoS Protection
- SYN/ICMP Flood Protection
- Anti-Spoofing Protection

Web Security

- HTTP & FTP proxies
- Anti-virus (100.000+ patterns)
- Transparent Proxy support
- Content Analysis/Filtering
- URL Blacklist
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM Single Sign-On
- Group Based Access Control

Mail Security

- SMTP & POP3 proxies
- Anti-spam with Bayes, Pattern, SPF, Heuristics, Black- and White-lists support
- Anti-virus (100.000+ patterns)
- Transparent Proxy support
- Spam Auto-Learning
- Transparent Mail Forwarding (BCC) *
- Greylisting

VPN

- True SSL/TLS VPN (OpenVPN)
- IPSEC
- Encryption; DES, 3DES, AES 128-, 192-, 256-bit
- Authentication: Pre-Shared Key, X.509, Certification Authority, Local
- PPTP Passthrough
- Native VPN Client for MS Windows, MacOSX and Linux

Hotspot

- Captive Portal
- Wired/Wireless support
- Pre-/Post-paid and free Tickets
- Integrated RADIUS service
- Connection Logging
- No additional software/hardware required

Management

- Easy Web-based Administration (SSL)
- Secure Remote SSH/SCP Access
- Serial Console
- Centralized Management through Endian Network (SSL)

High Availability

- Multi-Node Appliance Cluster *
- Hot Standby (active/passive) *
- Load Balancing (active/active) *
- Node Data/Configuration * Synchronization *

WAN Failover

- Automatic WAN Uplink Failover *
- Monitoring of WAN Uplinks *
- VPN Failover *

Network Address Translation

- Static NAT (Port Translation)
- One-to-One NAT
- IPSec NAT Traversal

Routing

- Static Routes
- Source Based Routing
- Destination Based Routing

Logging/Reporting

- Live Log Viewer (AJAX based) *
- Detailed User Based Web Access Report
- Network/System/Performance Statistics
- Syslog: Local or Remote

Updates and Backup

- Centralized Updates through Endian Network
- Anti-virus Definitions
- URL Blacklist Definitions
- Scheduled Automatic Backup
- Encrypted Backups via E-mail
- Instant Recovery/Backup to USB-Stick *

* Available with the 2.2 release



Hardware specifications

Case	Rack 19" 1 U
Power	Internal 300 Watt
Memory	2048 MB
Ethernet	7 x 10 /100/1000 Mbps
Harddisk	2 x 60 GB (RAID1)
Cooling	Fans

Dimension (HxWxD)	44mm x 430mm x 307mm
LCD Display	Yes
PCI Slots	1
Hardware Warranty	24 months *
Certifications	FCC/CE/ROHS

* Advanced Maintenance extends the Hardware Warranty for the Subscription Period

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